

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--	---------------------------------------	--------------------

## ALABAMA, Central

### **ALZ023-031>032-037-039 Tuscaloosa - Greene - Hale - Tallapoosa - Marengo**

<b>01</b>	<b>0000CST</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Flood</b>
<b>03</b>	<b>2300CST</b>					

April began on an active note hydrologically across north central Alabama. Heavy rainfall occurred across much of north central Alabama through the 2nd of April, with rainfall totals of 2 to 5 inches common, especially in areas to the south of a Tuscaloosa to Birmingham to Anniston line. Local amounts of 8 to 10 inches occurred over the lower portions of the Alabama River basin below Selma. These rains produced mostly minor flooding on the lower Tallapoosa and Black Warrior Rivers, as well as on the Tombigbee, Cahaba, Sucarnoochee and Alabama Rivers. Most of the flooding was minor, overflowing mostly farmlands and woodlands along these mainstreams. However, moderate flooding occurred from around Selma downstream due to the locally heavy inflow that occurred from the very heavy (8 to 10 inches) localized rainfall in these areas. In the Selma area, Bloch Park and the Selma Country Club experienced flooding, and some roads were closed in the area due to high water. Below Selma, flooding of some camps and cabins along the river occurred. Moderate flooding also occurred on the Tallapoosa River in the vicinity of the Tallapoosa Water Plant, flooding portions of Lower Wetumpka Road. However, no reports of major damage from the flooding have been received.

### **ALZ022-024>025-030-034 Pickens - Jefferson - Shelby - Sumter - Bibb**

<b>01</b>	<b>0000CST</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Flood</b>
<b>03</b>	<b>2300CST</b>					

April began on an active note hydrologically across north central Alabama. Heavy rainfall occurred across much of north central Alabama through the 2nd of April, with rainfall totals of 2 to 5 inches common, especially in areas to the south of a Tuscaloosa to Birmingham to Anniston line. Local amounts of 8 to 10 inches occurred over the lower portions of the Alabama River basin below Selma. These rains produced mostly minor flooding on the lower Tallapoosa and Black Warrior Rivers, as well as on the Tombigbee, Cahaba, Sucarnoochee and Alabama Rivers. Most of the flooding was minor, overflowing mostly farmlands and woodlands along these mainstreams. However, moderate flooding occurred from around Selma downstream due to the locally heavy inflow that occurred from the very heavy (8 to 10 inches) localized rainfall in these areas. In the Selma area, Bloch Park and the Selma Country Club experienced flooding, and some roads were closed in the area due to high water. Below Selma, flooding of some camps and cabins along the river occurred. Moderate flooding also occurred on the Tallapoosa River in the vicinity of the Tallapoosa Water Plant, flooding portions of Lower Wetumpka Road. However, no reports of major damage from the flooding have been received.

### **ALZ033-040>042-044 Perry - Dallas - Autauga - Lowndes - Montgomery**

<b>01</b>	<b>0000CST</b>	<b>0</b>	<b>0</b>	<b>22K</b>	<b>0</b>	<b>Flood</b>
<b>03</b>	<b>2300CST</b>					

April began on an active note hydrologically across north central Alabama. Heavy rainfall occurred across much of north central Alabama through the 2nd of April, with rainfall totals of 2 to 5 inches common, especially in areas to the south of a Tuscaloosa to Birmingham to Anniston line. Local amounts of 8 to 10 inches occurred over the lower portions of the Alabama River basin below Selma. These rains produced mostly minor flooding on the lower Tallapoosa and Black Warrior Rivers, as well as on the Tombigbee, Cahaba, Sucarnoochee and Alabama Rivers. Most of the flooding was minor, overflowing mostly farmlands and woodlands along these mainstreams. However, moderate flooding occurred from around Selma downstream due to the locally heavy inflow that occurred from the very heavy (8 to 10 inches) localized rainfall in these areas. In the Selma area, Bloch Park and the Selma Country Club experienced flooding, and some roads were closed in the area due to high water. Below Selma, flooding of some camps and cabins along the river occurred. Moderate flooding also occurred on the Tallapoosa River in the vicinity of the Tallapoosa Water Plant, flooding portions of Lower Wetumpka Road. However, no reports of major damage from the flooding have been received.

### **ALZ043**

#### **Elmore**

<b>01</b>	<b>0000CST</b>	<b>0</b>	<b>0</b>	<b>5K</b>	<b>0</b>	<b>Flood</b>
<b>03</b>	<b>2300CST</b>					

April began on an active note hydrologically across north central Alabama. Heavy rainfall occurred across much of north central Alabama through the 2nd of April, with rainfall totals of 2 to 5 inches common, especially in areas to the south of a Tuscaloosa to Birmingham to Anniston line. Local amounts of 8 to 10 inches occurred over the lower portions of the Alabama River basin below Selma. These rains produced mostly minor flooding on the lower Tallapoosa and Black Warrior Rivers, as well

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## ALABAMA, Central

as on the Tombigbee, Cahaba, Sucarnoochee and Alabama Rivers. Most of the flooding was minor, overflowing mostly farmlands and woodlands along these mainstreams. However, moderate flooding occurred from around Selma downstream due to the locally heavy inflow that occurred from the very heavy (8 to 10 inches) localized rainfall in these areas. In the Selma area, Bloch Park and the Selma Country Club experienced flooding, and some roads were closed in the area due to high water. Below Selma, flooding of some camps and cabins along the river occurred. Moderate flooding also occurred on the Tallapoosa River in the vicinity of the Tallapoosa Water Plant, flooding portions of Lower Wetumpka Road. However, no reports of major damage from the flooding have been received.

### **Autauga County Countywide**

<b>01</b>	<b>0500CST 0900CST</b>				<b>0</b>	<b>0</b>	<b>8K</b>	<b>0</b>	<b>Flash Flood</b>
-----------	----------------------------	--	--	--	----------	----------	-----------	----------	--------------------

Doppler radar estimated a few inches of rain in a short period of time across the county. The rain fell on already saturated ground. A few roads were temporarily impassable due to high water. A large sinkhole formed by the runoff closed Cobbs Ford Road in Prattville.

### **Hale County Countywide**

<b>01</b>	<b>0500CST 0900CST</b>				<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Flash Flood</b>
-----------	----------------------------	--	--	--	----------	----------	----------	----------	--------------------

Doppler radar estimated several inches of rain in a short period of time across the county. Several roads were temporarily impassable due to high water.

### **Dallas County Countywide**

<b>01</b>	<b>0530CST 0930CST</b>				<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Flash Flood</b>
-----------	----------------------------	--	--	--	----------	----------	----------	----------	--------------------

Doppler radar estimated several inches of rain in a short period of time across the county. The rain fell on already saturated ground. Several roads were temporarily impassable due to high water. Many local creeks and streams were out of their banks. Several residents were rescued from the flood waters.

### **Sumter County Countywide**

<b>01</b>	<b>0530CST 0930CST</b>				<b>0</b>	<b>0</b>	<b>7K</b>	<b>0</b>	<b>Flash Flood</b>
-----------	----------------------------	--	--	--	----------	----------	-----------	----------	--------------------

Doppler radar estimated several inches of rain in a short period of time across the county. The rain fell on already saturated ground. Several roads were temporarily impassable due to high water. Many local creek and streams were out of their banks.

### **Perry County Countywide**

<b>01</b>	<b>0530CST 0930CST</b>				<b>0</b>	<b>0</b>	<b>28K</b>	<b>0</b>	<b>Flash Flood</b>
-----------	----------------------------	--	--	--	----------	----------	------------	----------	--------------------

Doppler radar estimated several inches of rain in a short period of time across the county. The rain fell on already saturated ground. Several roads were temporarily impassable due to high water. Many local creeks and streams were out of their banks. A large sinkhole developed on Tutwiler Street in Marion due to the heavy rain

### **Jefferson County Countywide**

<b>01</b>	<b>0600CST 0800CST</b>				<b>0</b>	<b>0</b>	<b>3K</b>	<b>0</b>	<b>Flash Flood</b>
-----------	----------------------------	--	--	--	----------	----------	-----------	----------	--------------------

A few roads were temporarily impassable due to high water.

### **Shelby County Countywide**

<b>01</b>	<b>0600CST 0900CST</b>				<b>0</b>	<b>0</b>	<b>2K</b>	<b>0</b>	<b>Flash Flood</b>
-----------	----------------------------	--	--	--	----------	----------	-----------	----------	--------------------

Doppler radar estimated several inches of rain in a short period of time across the county. Several roads were temporarily impassable due to high water.

### **Lee County Countywide**

<b>01</b>	<b>0700CST 1400CST</b>				<b>0</b>	<b>0</b>	<b>300K</b>	<b>0</b>	<b>Flash Flood</b>
-----------	----------------------------	--	--	--	----------	----------	-------------	----------	--------------------

Doppler radar estimated several inches of rain in a short period of time across Lee County. The rain fell on already saturated ground. Several roads were flooded and were temporarily impassable. Two bridges were totally destroyed. One culvert was totally washed away. A retaining wall collapsed in Auburn.

### **Tallapoosa County Countywide**

<b>01</b>	<b>0700CST 1400CST</b>				<b>0</b>	<b>0</b>	<b>9K</b>	<b>0</b>	<b>Flash Flood</b>
-----------	----------------------------	--	--	--	----------	----------	-----------	----------	--------------------

Doppler radar estimated several inches of rain in a short period of time across the county. Several roads

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## ALABAMA, Central

were temporarily impassable due to high water.

### Montgomery County Countywide

**01 0700CST  
1400CST 0 0 11K 0 Flash Flood**

Doppler radar estimated several inches of rain in a short period of time across the county. The rain fell on already saturated ground. Several roads were temporarily impassable due to high water. Many local creeks and streams were out of their banks.

### Autauga County Billingsley

**01 1629CST 0 0 350K 0 Thunderstorm Wind (G70)**

National Weather Service meteorologist surveyed the damage in Billingsley and determined the damage was caused by straight line winds. A strong line of thunderstorms moved across central Alabama during the afternoon hours. The isolated damage was mainly confined to the Billingsley School property near the intersection of CR 77 and Tom Turner Road. This location was about 1 mile east of Billingsley. A large section of the metal roofing on the school was peeled back. Ceiling insulation and small metal debris littered areas downwind. The exposed classrooms sustained additional damage from rain. Several windows were broken out or cracked by airborne debris. One air conditioner was thrown on its side and damaged. A few trees east of the school were snapped off. Several vehicles in the parking lot suffered dents and broken windows from flying debris.

### ALZ018>019-023>025

#### **Etowah - Calhoun - Tuscaloosa - Jefferson - Shelby**

**02 0800CST  
1700CST 0 0 5K 0 Strong Wind**

A strong cold front pushed across central Alabama early on April 2. The pressure gradient behind the front produced gusty winds across all of central Alabama mainly during the peak heating of the day. The highest measured wind gusts were 40 to 45 miles an hour. A few trees were blown down but overall damage was very light. The wind gusts most likely occurred in every county in central Alabama but only the counties that measured gusts appear listed above.

Here are some peak measured wind gusts in miles an hour:

Tuscaloosa	35	
Birmingham		40
Calera		36
Gadsden	38	
Anniston	40	
Alexander City		35
Montgomery		38
Troy		38
Auburn		44
Maxwell AFB		38

### ALZ037-044-047-049

#### **Tallapoosa - Montgomery - Lee - Pike**

**02 0800CST  
2200CST 0 0 4K 0 Strong Wind**

A strong cold front pushed across central Alabama early on April 2. The pressure gradient behind the front produced gusty winds across all of central Alabama mainly during the peak heating of the day. The highest measured wind gusts were 40 to 45 miles an hour. A few trees were blown down but overall damage was very light. The wind gusts most likely occurred in every county in central Alabama but only the counties that measured gusts appear listed above.

Here are some peak measured wind gusts in miles an hour;

Tuscaloosa	35	
Birmingham		40
Calera		36
Gadsden	38	
Anniston	40	
Alexander City		35
Montgomery		38
Troy		38
Auburn		44
Maxwell AFB		38

### ALZ023-030>032-039

#### **Tuscaloosa - Sumter - Greene - Hale - Marengo**

**06 0000CST  
09 2300CST 0 0 0 0 Flood**

Additional rainfall on the 6th and 7th produced some secondary rises, especially on the Sucarnoochee

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b><u>ALABAMA, Central</u></b>									
and lower Black Warrior Rivers. Minor flooding occurred once again.									
<b>Sumter County</b>									
5 SE Livingston	06	1214CST			0	0	1K	0	Hail(0.75)
Penny size hail was observed just southeast of Livingston east of SR 28.									
<b>Greene County</b>									
4 ESE Eutaw	06	1312CST			0	0	1K	0	Hail(0.75)
<b>Greene County</b>									
4 ESE Eutaw	06	1312CST			0	0	3K		Thunderstorm Wind (G40)
Penny size hail fell from near Eutaw to the Black Warrior River. Several trees were also blown down in the same area.									
<b>Hale County</b>									
5 SW Akron to 6 E Moundville	06	1312CST 1352CST			0	0	16K	0	Hail(1.75)
<b>Hale County</b>									
5 SW Akron	06	1316CST			0	0	0	0	Funnel Cloud
Penny to golf ball size hail was reported from along the Black Warrior River southwest of Moundville all the way to the Talladega National Forest in northeast Hale County. A funnel cloud was also spotted with this storm southwest of Moundville. A few vehicles were damaged by the hail.									
<b>Tuscaloosa County</b>									
7 SW Duncanville to 7 NE Duncanville	06	1352CST 1410CST			0	0	1K	0	Hail(1.00)
Penny to quarter size hail was reported across southern Tuscaloosa County in and around Duncanville.									
<b>Pickens County</b>									
1.3 W Aliceville to 1.1 N Aliceville	06	1651CST 1653CST	1.5	50	0	0	50K	0	Tornado (F0)
National Weather Service Meteorologists surveyed the damage in Aliceville and determined that the damage was caused by a tornado. The tornado was rated an F0 on the Fujita Scale with localized winds of up to 73 miles an hour. The tornado touched down near the Aliceville Manor nursing home at approximately 551 pm CDT. The weak tornado tracked northeast generally parallel to 17th Street NW. At least 9 homes suffered mainly minor roof damage, although one house had major roof damage. A few porches were completely torn off homes and the debris was tossed up to one half of a mile away. Several outbuildings were damaged and many lawn or outdoor items were overturned. The tornado crossed SR 14 where a few large trees were snapped off or uprooted at the Aliceville Country Club. Several additional trees and power lines were blown down along the relatively short path. The tornado lifted at the end of Country Club Lane at the Aliceville Country Club at approximately 553 pm CDT. The tornado path length was one and one half miles long and 50 yards wide at its widest point. No injuries were reported.									
Begin: 33 07.83/88 10.47 End: 33 08.70/88 09.31									
<b>Lamar County</b>									
Countywide	06	1730CST 1900CST			0	0	8K	0	Flash Flood
Doppler radar estimated 3 to 4 inches of rain in a short period of time. Several roads were flooded and were temporarily impassable. Several area creeks and streams rose out of their banks.									
<b>ALZ040</b>									
Dallas	06	1740CST 1815CST			0	0	11K	0	Strong Wind
Several trees and power lines were blown down around Selma. This damaging wind occurred behind the line of thunderstorms near the time the rain was ending. This event was believed to be caused by a gravity wave.									
<b>ALZ035</b>									
Chilton	06	1817CST 1837CST			0	0	8K	0	Strong Wind
Several trees and power lines were blown down near Maplesville. This damaging wind occurred behind the line of thunderstorms near the time the rain was ending. This event was believed to be caused by a gravity wave.									
<b>ALZ028</b>									
Clay	06	2125CST			0	0	22K	0	High Wind (G51)
One home sustained roof and porch damage near Delta. This damaging wind occurred behind the line of thunderstorms near the time the rain was ending. This event was believed to be caused by a gravity wave.									

## Storm Data and Unusual Weather Phenomena

April 2005

Location      Date      Time Local/Standard      Path Length (Miles)      Path Width (Yards)      Number of Persons Killed      Injured      Property      Estimated Damage      Crops      Character of Storm

## ALABAMA, Central

## Pickens County

<b>Gordo</b>	<b>06</b>	<b>2138CST</b>	<b>0</b>	<b>0</b>	<b>1K</b>	<b>0</b>	<b>Hail(0.75)</b>
Penny size hail was reported in Gordo.							

## Winston County

Arley	06	2230CST	0	0	1K	0	Thunderstorm Wind (G55)
A few trees were blown down in and around Arley.							

## Walker County

Jasper	06	2249CST 2259CST	0	0	1K	0	Hail(0.75)
--------	----	--------------------	---	---	----	---	------------

## Walker County

<b>Jasper</b>	<b>06</b>	<b>2249CST</b>	<b>0</b>	<b>0</b>	<b>5K</b>	<b>0</b>	<b>Thunderstorm Wind (G55)</b>
		<b>2259CST</b>					
Penny size hail was observed in and around Japser. A few trees were also blown down in the area.							

## Cherokee County

<b>1 E Centre</b>	<b>07 1500CST</b>	<b>0</b>	<b>0</b>	<b>1K</b>	<b>0</b>	<b>Hail(0.88)</b>
Nickel size hail was reported just east of Centre.						

## ALZ018&gt;019-024&gt;025-037 Etowah - Calhoun - Jefferson - Shelby - Tallapoosa

11	2300CST	0	0	5K	0	Strong Wind
12	0500CST					

A strong wake low or gravity wave moved across central Alabama during the overnight hours. This feature occurred toward the very tail end of a rain area and continued after the rain had ended in most locations. This feature moved rather slow and allowed the gusty winds to last for a few hours. Gusty winds up to 30 miles an hour accompanied the feature across western Alabama and intensified just after midnight local time. As the feature moved along and south of Interstate 20 and east of Interstate 65, the highest wind gusts were estimated around 50 miles an hour. Several trees and power lines were blown down in each of the counties listed, but most of the counties across central Alabama experienced wind gusts at least 30 miles an hour. The most significant damage occurred in Talladega, Coosa, and Elmore Counties. Some of the fallen trees landed on homes and caused additional damage. The fallen trees and branches produced power outages in several locations.

Here are some peak measured wind gusts in miles an hour and time observed:

Birmingham	40	1148 PM CST
Calera	35	1149 PM CST
Gadsden	32	1235 AM CST
Anniston	35	348 AM CST
Alexander City	46	320 AM CST
Montgomery	47	252 AM CST

**ALZ027-036-041-043>044 Talladega - Coosa - Autauga - Elmore - Montgomery**

12	0130CST 0430CST	0	0	5K	0	Strong Wind
----	--------------------	---	---	----	---	-------------

A strong wake low or gravity wave moved across central Alabama during the overnight hours. This feature occurred toward the very tail end of a rain area and continued after the rain had ended in most locations. This feature moved rather slow and allowed the gusty winds to last for a few hours. Gusty winds up to 30 miles an hour accompanied the feature across western Alabama and intensified just after midnight local time. As the feature moved along and south of Interstate 20 and east of Interstate 65, the highest wind gusts were estimated around 50 miles an hour. Several trees and power lines were blown down in each of the counties listed, but most of the counties across central Alabama experienced wind gusts at least 30 miles an hour. The most significant damage occurred in Talladega, Coosa, and Elmore Counties. Some of the fallen trees landed on homes and caused additional damage. The fallen trees and branches produced power outages in several locations.

Here are some peak measured wind gusts in miles an hour and time observed: NWS OBS

Birmingham	40	1148 PM CST
Calera	35	1149 PM CST
Gadsden	32	1235 AM CST
Annniston	35	348 AM CST
Alexander City	46	320 AM CST

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## ALABAMA, Central

Montgomery

47

252 AM CST

ALZ045>046

**Macon - Bullock**

12

0400CST

0630CST

0

0

2K

0

**Strong Wind**

A strong wake low or gravity wave moved across central Alabama during the overnight hours. This feature occurred toward the very tail end of a rain area and continued after the rain had ended in most locations. This feature moved rather slow and allowed the gusty winds to last for a few hours. Gusty winds up to 30 miles an hour accompanied the feature across western Alabama and intensified just after midnight local time. As the feature moved along and south of Interstate 20 and east of Interstate 65, the highest wind gusts were estimated around 50 miles an hour. Several trees and power lines were blown down in each of the counties listed, but most of the counties across

central Alabama experienced wind gusts at least 30 miles an hour. The most significant damage occurred in Talladega, Coosa, and Elmore Counties. Some of the fallen trees landed on homes and caused additional damage. The fallen trees and branches produced power outages in several locations.

Here are some peak measured wind gusts in miles an hour and time observed: NWS OBS

Birmingham

40

1148 PM CST

Calera

35

1149 PM CST

Gadsden

32

1235 AM CST

Anniston

35

348 AM CST

Alexander City

46

320 AM CST

Montgomery

47

252 AM CST

**Chilton County**

5 S Clanton

21

1408CST

0

0

6K

0

**Hail(1.75)**

Golf ball size hail was reported by Alabama State Troopers south of Clanton

**Autauga County**

Prattville

21

1432CST

0

0

12K

0

**Thunderstorm Wind (G51)**

Numerous trees were blown down in and around Prattville.

**Autauga County**

Prattville

21

1450CST

0

0

1K

0

**Hail(1.00)**

Quarter size was reported in and around Prattville.

**Montgomery County**

(Mgm)Montgomery Arpt

21

1455CST

0

0

1K

0

**Hail(1.00)**

Quarter size was reported near the airport.

**Montgomery County**

Hope Hull

21

1510CST

0

0

17K

0

**Thunderstorm Wind (G52)**

A roof was torn off a business on US 31 near Hope Hull.

**Lowndes County**

White Hall

21

1537CST

0

0

3K

0

**Thunderstorm Wind (G51)**

A few trees were blown down in and near White Hall.

**Dallas County**

2 E Selma

21

1543CST

0

0

1K

0

**Hail(0.75)**

Penny size hail was reported just east of Selma.

**Lowndes County**

Braggs

21

1610CST

0

0

1K

0

**Hail(1.00)**

Quarter size hail fell in and around the Braggs community.

**Perry County**

3 W Marion to

3 S Marion

21

1649CST

1659CST

0

0

2K

0

**Hail(1.75)**

Quarter to golf ball size hail was observed in and around the city of Marion.

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
<b><u>ALABAMA, Central</u></b>							
<b>Dallas County</b> 5 S Orrville	21	1650CST			0 0	2K 0	Hail(1.75) Golf ball size hail was reported south of Orrville.
<b>Hale County</b> 10 NE Greensboro	21	1715CST			0 0	1K 0	Hail(1.00) Quarter size hail was observed along SR 25 in northeastern Hale County.
<b>Dallas County</b> 8 W Minter	21	1725CST			0 0	1K 0	Hail(1.00) Quarter size hail fell west of the Minter community.
<b>Hale County</b> Moundville	21	1740CST 1750CST			0 0	6K 0	Hail(1.75) Half dollar to golf ball size hail was reported in and around Moundville.
<b>Tuscaloosa County</b> Fosters	21	1755CST			0 0	1K 0	Hail(1.00) Quarter size hail was observed in Fosters.
<b>Tuscaloosa County</b> 5 S Tuscaloosa to 11 S Tuscaloosa	21	1759CST 1832CST			0 0	11K 0	Hail(1.75) Quarter to golf ball size hail fell south of the city of Tuscaloosa from near the Englewood community to near the Hale County line. The large hail completely covered the ground in several locations.
<b>Lamar County</b> 3 E Sulligent	21	1829CST			0 0	1K 0	Hail(1.25) Half dollar size hail was reported in the Crews community.
<b>Lamar County</b> Sulligent	21	1840CST			0 0	9K 0	Hail(1.75) Golf ball size hail was reported in Sulligent.
<b>Lamar County</b> Beaverton	21	1840CST			0 0	2K 0	Hail(1.75) Golf ball size hail fell in and near Beaverton.
<b>Marengo County</b> Dayton	21	1853CST			0 0	1K 0	Hail(1.00) Quarter size hail was reported in and near the Dayton community.
<b>Lamar County</b> 6 SE Beaverton	21	1903CST			0 0	1K 0	Hail(1.00) Quarter size hail was reported in and around the Mansfield community.
<b>Marengo County</b> 2 W Faunsdale	21	1938CST			0 0	1K 0	Hail(0.75) Penny size hail was observed near Faunsdale.
<b>Marengo County</b> 5 SE Linden	21	2108CST			0 0	1K 0	Hail(0.88) Nickel size hail was reported near SR 28 between Linden and Thomaston.
<b>Marion County</b> Winfield	22	0800CST 0810CST			0 0	1K 0	Hail(0.75) Penny size hail briefly fell across southern Marion County near Winfield.
<b>Walker County</b> 3 NW Townley	22	0845CST			0 0	1K 0	Hail(0.75) Penny size hail was reported between Jasper and Carbon Hill along US 78. A few other locations in northern Walker County also experienced dime to penny size hail.
<b>Randolph County</b> Wedowee	22	1002CST 1012CST			0 0	125K 0	Thunderstorm Wind (G52)

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b><u>ALABAMA, Central</u></b>									
Damaging straight line winds affected areas in and around Wedowee. Several homes sustained roof damage, several docks were damaged, one bank sustained major roof damage, and several trees and power lines were blown down. Power outages lasted through a large part of the afternoon.									
<b>Calhoun County</b>									
Ohatchee	22	1010CST			0	0	1K	0	Hail(1.00)
Quarter size hail briefly fell in and near Ohatchee.									
<b>Talladega County</b>									
Lincoln	22	1025CST			0	0	1K	0	Hail(1.00)
<b>Talladega County</b>									
Lincoln	22	1039CST			0	0	6K	0	Thunderstorm Wind (G52)
Quarter size hail was reported by a trained spotter near Lincoln. The thunderstorm blew down several trees in the same area.									
<b>Randolph County</b>									
Wedowee	22	1120CST 1141CST			0	0	3K	0	Thunderstorm Wind (G52)
A few trees were blown down across the southern half of the county.									
<b>Tuscaloosa County</b>									
Duncanville	22	1145CST			0	0	1K	0	Hail(0.88)
Nickel size hail was reported in Duncanville.									
<b>Jefferson County</b>									
Bessemer	22	1204CST			0	0	1K	0	Hail(0.88)
Nickel size hail was observed at Visionland Theme Park.									
<b>Jefferson County</b>									
Hoover	22	1212CST			0	0	1K	0	Hail(0.75)
Dime to penny size hail was reported in Bluff Park.									
<b>Greene County</b>									
2 NW Forkland to 4 SE Forkland	22	1212CST 1233CST			0	0	1K	0	Hail(0.75)
Penny size hail fell along CR 20 between Boligee and Forkland. The hail continued to fall south and east of Forkland all the way to the Black Warrior River.									
<b>Bibb County</b>									
Brent to Centerville	22	1225CST 1245CST			0	0	1K	0	Hail(0.75)
Dime to penny size hail was reported in and around Brent and Centerville.									
<b>Shelby County</b>									
Alabaster	22	1226CST			0	0	1K	0	Hail(0.88)
Nickel size hail fell in Alabaster.									
<b>Hale County</b>									
15 W Newbern to Newbern	22	1233CST 1300CST			0	0	4K	0	Hail(1.75)
Hail up to the size of golf balls fell across southern Hale County.									
<b>Hale County</b>									
Cedarville	22	1235CST			0	0	2K	0	Hail(1.75)
Golf ball size hail was observed in Cedarville.									
<b>Perry County</b>									
12 SW Marion	22	1300CST			0	0	1K	0	Hail(1.00)
Quarter size hail briefly fell near the Coleman community.									
<b>Talladega County</b>									
Childersburg	22	1302CST			0	0	1K	0	Hail(1.00)
Quarter size hail fell in Childersburg.									
<b>Chilton County</b>									
2 SW Thorsby to 2 N Verbena	22	1309CST 1340CST			0	0	1K	0	Hail(1.00)
Penny to quarter size hail fell across south central Chilton County.									



# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
<b><u>ALABAMA, Central</u></b>							
<b>Chilton County</b>							
5 NE Maplesville to 5 SE Verbena	22	1319CST 1357CST			0 0	1K 0	Hail(1.00)
Penny to quarter size hail was observed across southern Chilton County. This hail producing storm was a separate storm from the one that dumped hail immediately to the north. The storms merged near Verbena.							
<b>Talladega County</b>							
2 SE Sylacauga	22	1319CST			0 0	1K 0	Hail(1.00)
Quarter size hail was reported near Sylacauga.							
<b>Coosa County</b>							
Goodwater	22	1330CST 1340CST			0 0	1K 0	Hail(0.75)
Penny size hail fell in and around Goodwater.							
<b>Dallas County</b>							
3 NW Selma to 12 SE Selma	22	1350CST 1427CST			0 0	8K 0	Hail(1.75)
Quarter to golf ball size hail was reported from near Selma eastward to near the Alabama River.							
<b>Autauga County</b>							
Marbury	22	1350CST 1400CST			0 0	20K 0	Hail(4.50)
Hail up to the size of softballs fell across extreme northeast Autauga County near Marbury.							
<b>Elmore County</b>							
9 NW Wetumpka	22	1405CST			0 0	1K 0	Hail(1.00)
Quarter size hail was reported in the Holtville area.							
<b>Perry County</b>							
Uniontown	22	1406CST			0 0	1K 0	Hail(0.75)
Penny size hail fell in and around Uniontown.							
<b>Tallapoosa County</b>							
Newsite	22	1411CST			0 0	1K 0	Hail(1.00)
Quarter size hail was reported in New Site.							
<b>Coosa County</b>							
Equality	22	1421CST			0 0	1K 0	Hail(0.75)
Penny size hail was reported near Equality.							
<b>Elmore County</b>							
4 N Wetumpka	22	1424CST			0 0	1K 0	Hail(1.00)
Quarter size hail was observed just north of Wetumpka.							
<b>Lowndes County</b>							
2 N White Hall to 9 E Lowndesboro	22	1432CST 1513CST			0 0	5K 0	Hail(1.75)
Hail up to the size of golf balls fell across extreme northern Lowndes County.							
<b>Elmore County</b>							
Eclectic	22	1435CST			0 0	11K 0	Hail(1.75)
Golf ball size hail fell in and around Eclectic. The hail covered the ground.							
<b>Chambers County</b>							
Lanett	22	1439CST			0 0	1K 0	Hail(1.00)
Quarter size hail was reported in and around Lanett.							
<b>Tallapoosa County</b>							
12 SW Dadeville	22	1443CST			0 0	2K 0	Thunderstorm Wind (G52)
A few trees were blown down just east of Lake Martin.							
<b>Dallas County</b>							
3 W Selma to 13 SE Selma	22	1445CST 1530CST			0 0	9K 0	Hail(1.75)
Hail up to the size of golf balls fell across central Dallas County. This was the second large hail producing storm to affect areas near Selma within an hour or so.							

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
<b><u>ALABAMA, Central</u></b>							
<b>Lee County</b>							
Loachapoka to Opelika	22	1503CST 1525CST			0 0	1K 0	Hail(1.00)
Hail up to the size of quarters fell in and near Interstate 85 across much of Lee County. The storm also knocked several trees down near Beauregard.							
Lee County Central Portion	22	1522CST			0 0	2K 0	Thunderstorm Wind (G52)
<b>Macon County</b>							
Notasulga	22	1514CST			0 0	1K 0	Hail(1.00)
Quarter size hail was reported in and near Notasulga in northern Macon County.							
<b>Lowndes County</b>							
White Hall to Manack	22	1518CST 1544CST			0 0	5K 0	Hail(1.75)
Hail up to the size of golf balls fell across northern Lowndes County. The was the second large hail producing storm to move across the same general area within a few hours.							
<b>Montgomery County</b>							
Pintlalla to 10 E Grady	22	1518CST 1610CST			0 0	7K 0	Hail(1.75)
Hail up to the size of golf balls fell across a large part of southern Montgomery County.							
<b>Jefferson County</b>							
Irondale	22	1527CST			0 0	1K 0	Hail(0.75)
Penny size hail was reported in Irondale.							
<b>Jefferson County</b>							
5 N Birmingham Arpt	22	1528CST 1538CST			0 0	1K 0	Hail(0.75)
Penny size hail fell across north Birmingham including the cities of Fultondale, Tarrant, and Centerpoint							
<b>Russell County</b>							
10 W Ladonia to Phenix City	22	1535CST 1619CST			0 0	1K 0	Hail(0.88)
Penny to nickel size hail was reported along US 80 from near the Hugley community eastward to Phenix City.							
<b>St. Clair County</b>							
Ashville	22	1555CST 1603CST			0 0	1K 0	Hail(1.00)
Quarter size hail was observed in and around Ashville.							
<b>St. Clair County</b>							
Branchville	22	1557CST			0 0	1K 0	Hail(0.88)
Nickel size hail was reported in the Branchville area.							
<b>Russell County</b>							
2 N Seale	22	1609CST			0 0	4K 0	Hail(1.75)
Golf ball size hail was reported just north of Seale.							
<b>Lowndes County</b>							
Hayneville	22	1610CST			0 0	1K 0	Hail(1.00)
Quarter size hail was observed near Hayneville. This was the third storm of the afternoon that brought large hail to north central Lowndes County.							
<b>Lowndes County</b>							
Braggs	22	1615CST			0 0	1K 0	Hail(0.75)
Penny size hail was reported in Braggs.							
<b>Sumter County</b>							
5 NW Livingston to 5 SE Livingston	22	1615CST 1640CST			0 0	2K 0	Hail(1.00)
Quarter size hail was reported all around the city of Livingston. The hail completely covered the ground along parts of US 11.							
<b>Pike County</b>							
6 NE Orion	22	1615CST			0 0	1K 0	Hail(0.75)

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b><u>ALABAMA, Central</u></b>									
Penny size hail fell in extreme northern Pike County near the China Grove community.									
<b>Talladega County</b> 2 NW Talladega to 5 E Munford	22	1625CST 1647CST			0	0	9K	0	Hail(1.75)
Large hail up to the size of golf balls fell across northern Talladega County. Some locations that reported large hail include Stemley, Talladega, Lincoln and Munford.									
<b>Calhoun County</b> 10 NW Anniston to 10 NE Anniston	22	1625CST 1650CST			0	0	1K	0	Hail(0.88)
Nickel size hail fell across north central Calhoun County.									
<b>Calhoun County</b> Ohatchee	22	1629CST			0	0	8K	0	Hail(1.75)
Golf ball size hail was observed in Ohatchee.									
<b>Sumter County</b> Geiger to Gainesville	22	1646CST 1705CST			0	0	2K	0	Hail(1.00)
Quarter size hail fell across northern Sumter County from near Geiger to near Gainesville.									
<b>Lowndes County</b> Ft Deposit	22	1650CST			0	0	4K	0	Hail(1.75)
Golf ball size hail was reported in and near Fort Deposit.									
<b>Tuscaloosa County</b> Tuscaloosa	22	1650CST 1700CST			0	0	1K	0	Hail(0.75)
Dime to Penny size hail fell across the southern part of Tuscaloosa.									
<b>Pike County</b> 1 W Orion to 5 SE Linwood	22	1700CST 1723CST			0	0	3K	0	Hail(1.75)
Hail up to the size of golf balls fell across extreme northern Pike County. Wind gusts associated with this storm were estimated around 60 miles an hour. The large hail completely covered the ground along US 231 and traffic was temporarily halted.									
<b>Pike County</b> 1 W Orion to 5 SE Linwood	22	1700CST 1723CST			0	0	2K	0	Thunderstorm Wind (G52)
<b>Montgomery County</b> 10 E Grady	22	1700CST 1705CST			0	0	1K	0	Hail(1.00)
Quarter size hail was reported along the Pike and Montgomery County line along US 231.									
<b>Barbour County</b> Bakerhill to Eufaula	22	1717CST 1730CST			0	0	1K	0	Hail(1.00)
Quarter size hail was reported from near Bakerhill to near Eufaula. The hail occurred all the way to the Georgia state line.									
<b>Marengo County</b> Jefferson to 3 SE Thomaston	22	1720CST 1805CST			0	0	2K	0	Hail(1.75)
Hail up to the size of golf balls was reported from near Jefferson to near Thomaston. The large hail covered the ground in several locations.									
<b>Greene County</b> 2 NW Forkland	22	1722CST			0	0	1K	0	Hail(1.00)
Quarter size hail was reported near Forkland.									
<b>Pike County</b> Ansley to 8 SE Brundidge	22	1732CST 1825CST			0	0	1K	0	Hail(1.50)
Hail up to the size of ping pong balls fell across a large part of Pike County. This was the second large hail producing storm to affect the county in a few hours time. The hail covered the ground in several locations.									

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b><u>ALABAMA, Central</u></b>									
<b>Cherokee County</b>									
11 NE Blanche	22	1755CST 1800CST			0	0	1K	0	Hail(1.00)
Quarter size hail was reported in far northern Cherokee County near the Chesterfield community.									
<b>Barbour County</b>									
Louisville to Texasville	22	1757CST 1817CST			0	0	1K	0	Hail(1.00)
Quarter size hail fell across southern Barbour County from near Louisville to near Texasville.									
<b>Perry County</b>									
Uniontown	22	1758CST			0	0	1K	0	Hail(1.00)
Quarter size hail was reported in and near Uniontown.									
<b>Cherokee County</b>									
2.1 NW Jamestown to 1.8 NW Jamestown	22	1801CST	0.4	75	0	0	4K	0	Tornado (F0)
National Weather Service meteorologists surveyed the damage across far northern Cherokee County. It was determined that the damage was the result of a tornado. The tornado has been rated an F0. The tornado touched down in Dekalb County in the Little River Canyon Wildlife Management Area and crossed in Cherokee County for approximately 0.4 miles. The tornado crossed the county line near the confluence of Hurricane Creek and Little River and ended approximately 1.2 miles west of CR 103. Several trees were snapped off or uprooted along the short path in Cherokee County. The tornado occurred at 701 PM CDT.									
Begin: 34 25.26/85 36.04 End: 34 25.19/85 35.67									
<b>Cherokee County</b>									
.8 NE Jamestown to 1.4 NE Jamestown	22	1803CST 1804CST	0.9	75	0	0	20K	0	Tornado (F0)
The second Cherokee County tornado touched down just west of CR 15, approximately one mile north of Jamestown, around 703 PM CDT. It stayed on the ground for only about one minute, before lifting around 704 PM CDT. The total path length was 0.9 miles with a path width of 75 yards at its widest point. This tornado uprooted or snapped off numerous trees along its path. A porch of one home was completely destroyed. As this tornado crossed over CR 15, a 40 year old home had its tin roof blown off and received some structural damage, which included several windows being blown out. On this same property, three to four outbuildings were completely destroyed.									
Begin: 34 24.53/85 34.26 End: 34 24.44/85 33.35									
<b>Elmore County</b>									
Wetumpka	22	1806CST 1815CST			0	0	1K	0	Hail(1.00)
Numerous reports of quarter size hail were received from in and around Wetumpka.									
<b>Montgomery County</b>									
Montgomery to Mathews	22	1808CST 1841CST			0	0	11K	0	Hail(1.75)
Golf ball size hail was observed from the Montgomery metropolitan area eastward to the county line near Mathews.									
<b>Cherokee County</b>									
8 NE Blanche	22	1808CST			0	0	8K	0	Thunderstorm Wind (G52)
Several trees were blown down along CR 921. These trees were blown down by the same storm that produced the two tornadoes previously.									
<b>Montgomery County</b>									
3 NE Grady	22	1825CST			0	0	5K	0	Thunderstorm Wind (G52)
Several trees were blown down near Dublin.									
<b>Cherokee County</b>									
Blanche to Gaylesville	22	1825CST 1845CST			0	0	1K	0	Hail(1.75)
Hail up to the size of golf balls fell across Cherokee County. The large hail was reported in Jamestown, Blanche, Cedar Bluff and Gaylesville.									
<b>Autauga County</b>									
5 W Prattville	22	1842CST			0	0	1K	0	Hail(0.75)

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b><u>ALABAMA, Central</u></b>									
Penny size hail was observed just west of Prattville.									
<b>Bullock County</b> Fitzpatrick to 3 S Midway	22	1842CST 1937CST			0	0	1K	0	Hail(1.75)
Large hail reported in the county.									
<b>Jefferson County</b> 3 SW Mulga	22	1850CST			0	0	1K	0	Hail(0.88)
Nickel size hail was reported near Sylvan Springs and near Rock Creek.									
<b>Jefferson County</b> Hueytown	22	1853CST			0	0	1K	0	Hail(0.88)
Nickel size hail fell in and around Hueytown.									
<b>Cherokee County</b> Gaylesville	22	1854CST			0	0	0	0	Funnel Cloud
A funnel cloud was sighted near Gaylesville.									
<b>Etowah County</b> Gadsden	22	1854CST			0	0	1K	0	Hail(1.00)
Quarter size hail was observed in Gadsden.									
<b>Calhoun County</b> Piedmont	22	1915CST			0	0	2K	0	Hail(1.75)
Golf ball size hail was reported in the city of Piedmont.									
<b>Barbour County</b> 5 E Mt Andrew	22	1932CST			0	0	1K	0	Hail(1.00)
Quarter size hail was reported near the Barbour Coutny Public Lake.									
<b>Macon County</b> Ft Davis	22	1932CST			0	0	1K	0	Hail(0.75)
Penny size hail was observed near Fort Davis in extreme southern Macon County.									
<b>Calhoun County</b> Alexandria	22	1933CST			0	0	1K	0	Hail(0.88)
Nickel size hail was reported in and around Alexandria.									
<b>Barbour County</b> Clio	22	2007CST			0	0	1K	0	Hail(0.88)
Nickel size hail was reported near Clio.									
<b>Cleburne County</b> Heflin	22	2014CST			0	0	1K	0	Hail(0.88)
Nickel size hail was reported near Heflin.									
<b>Fayette County</b> Hubertville	30	0128CST 0151CST			0	0	4K	0	Thunderstorm Wind (G52)
Several trees were blown down across the northeastern part of the county.									
<b>Walker County</b> 5.8 E Jasper to 6.4 E Jasper	30	0205CST 0206CST	0.6	50	0	0	125K	0	Tornado (F1)

National Weather Service meteorologists surveyed the damage that affected east central Walker County. It has been determined the damage was the result of a tornado. The tornado has been rated an F1 with winds estimated around 80 miles an hour. The tornado first touched down at approximately 305 AM CDT in the Union Chapel area, on the north side of US 78. This location is near the intersection of US 78 and Arron Road. The tornado lifted at approximately 306 AM CDT. The tornado damage path was 0.6 miles long and 50 yards wide at its widest point. The most significant damage caused by the tornado occurred to the Variety Outlet and the Valley Used Parts Store. The eastern part of the building was completely destroyed. The remainder of the building sustained extensive roof damage. Roof sections were blown off to the north up to a quarter of a mile and wrapped around a telephone pole. Roof insulation stuck to the western facing store building walls and automobiles in the general vicinity. A flea market sustained major damage on US 78. A few homes also received varying degrees of roof damage.

Begin: 33 49.29/87 10.54 End: 33 49.36/87 09.91

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b><u>ALABAMA, Central</u></b>									
<b>Lamar County</b>									
<b>Millport</b>	30	0209CST 0227CST			0	0	13K	0	Thunderstorm Wind (G52)
									Several trees were blown down across the southern part of the county. One mobile home park reported minor damage from fallen trees.
<b>Walker County</b>									
<b>2 N Jasper</b>	30	0217CST			0	0	1K	0	Hail(0.75)
									Several trees were blown down. One mobile home park reported minor damage from fallen trees.
<b>Walker County</b>									
<b>Sipsey</b>	30	0225CST			0	1	35K	0	Thunderstorm Wind (G52)
									Several trees and power lines were blown down in and around Sipsey. A few homes were damaged by fallen trees. One woman suffered minor injuries when a tree fell on her home.
<b>Fayette County</b>									
<b>Newtonville</b>	30	0228CST 0244CST			0	0	11K	0	Thunderstorm Wind (G52)
									Several trees were blown down across the southern part of the county.
<b>Blount County</b>									
<b>Countywide</b>	30	0240CST 0311CST			0	0	27K	0	Thunderstorm Wind (G55)
									Several trees and power lines were blown down across the entire county. One tree fell on a home in the far southeastern part of the county and caused moderate damage. One tree fell on a carport in Oneonta.
<b>Pickens County</b>									
<b>Gordo</b>	30	0253CST			0	0	1K	0	Hail(0.75)
									Penny size hail was reported near Gordo.
<b>Tuscaloosa County</b>									
<b>Countywide</b>	30	0302CST 0351CST			0	0	60K	0	Thunderstorm Wind (G55)
									Several trees and power lines were blown down across the county. This was in addition to the concentrated damage path of the tornado near Northport. Many of the fallen trees temporarily blocked roadways. Several homes suffered minor damage due to the fallen trees.
<b>Tuscaloosa County</b>									
<b>Elrod</b>	30	0308CST			0	0	1K	0	Hail(0.75)
									Penny size hail was reported in the Sipsey Valley area near Elrod.
<b>Etowah County</b>									
<b>Countywide</b>	30	0315CST 0342CST			0	0	27K	0	Thunderstorm Wind (G55)
									Several trees were blown down across Etowah County. One mobile home roof was blown off in the Coates Bend area. At least two other homes were damaged by fallen trees.
<b>Tuscaloosa County</b>									
<b>2.2 NW Northport to     5.8 NE Northport</b>	30	0316CST 0324CST			0	0	8K	0	Hail(1.75)
<b>Tuscaloosa County</b>									
<b>2.2 NW Northport to     5.8 NE Northport</b>	30	0316CST 0324CST	6.9	100	0	0	95K	0	Tornado (F0)

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--	---------------------------------------	--------------------

## ALABAMA, Central

National Weather Service meteorologists conducted a survey across areas just north northwest of Northport. It has been determined the area had experienced an F0 tornado, with winds of estimated around 65 mph. The tornado touched down around 416 AM CDT about one half mile west of the CR 86 and US 43 intersection. The tornado then moved northeast, crossing SR 69 and CR 47 before lifting near the end of CR 87 around 424 AM CDT. The tornado damage path was 6.9 miles long and 100 yards wide at its widest point. Numerous trees and power lines were snapped off along the path. The most concentrated damage was near the end of the path from the far southeastern tip of Lake Tuscaloosa to near the end of CR 87. In this area, several homes received minor damage and two homes received significant roof damage due to fallen trees. This storm also produced large hail. The largest hail reported was golf ball size and occurred across the southern parts of Lake Tuscaloosa.

Begin: 33 14.95/87 36.40 End: 33 16.27/87 29.46

### Jefferson County

Countywide	30	0320CST 0405CST			0	0	9K	0	Thunderstorm Wind (G52)
------------	----	--------------------	--	--	---	---	----	---	-------------------------

Several trees and power lines were knocked down across the county.

### Tuscaloosa County

8 ENE Tuscaloosa	30	0330CST			0	0	1K	0	Hail(0.75)
------------------	----	---------	--	--	---	---	----	---	------------

Penny size hail was observed in the Peterson community.

### Marengo County

3 NW Myrtlewood	30	0335CST			0	0	4K	0	Thunderstorm Wind (G55)
-----------------	----	---------	--	--	---	---	----	---	-------------------------

Several trees were either uprooted or snapped off near Myrtlewood.

### St. Clair County

Countywide	30	0338CST 0348CST			0	0	2K	0	Thunderstorm Wind (G52)
------------	----	--------------------	--	--	---	---	----	---	-------------------------

A few trees were blown down across the county.

### Calhoun County

Countywide	30	0343CST 0427CST			0	0	7K	0	Thunderstorm Wind (G52)
------------	----	--------------------	--	--	---	---	----	---	-------------------------

Several trees were blown down countywide.

### Bibb County

West Blocton	30	0351CST 0405CST			0	0	4K	0	Thunderstorm Wind (G52)
--------------	----	--------------------	--	--	---	---	----	---	-------------------------

A few trees were blown down across the northern part of the county.

### Talladega County

Countywide	30	0354CST 0454CST			0	0	20K	0	Thunderstorm Wind (G52)
------------	----	--------------------	--	--	---	---	-----	---	-------------------------

Several trees and power lines were knocked down countywide.

### Shelby County

Countywide	30	0356CST 0431CST			0	0	1K	0	Hail(0.88)
------------	----	--------------------	--	--	---	---	----	---	------------

### Shelby County

Countywide	30	0356CST 0431CST			0	0	100K	0	Thunderstorm Wind (G55)
------------	----	--------------------	--	--	---	---	------	---	-------------------------

Several trees were snapped off or blown down across the county. Many of the trees landed on homes producing damage. One recreational vehicle was totally destroyed and several out-buildings were damaged. Pea to nickel size hail also fell during the storms. This damage occurred outside the identified tornado damage path.

### Shelby County

3.3 SW Helena to 7.7 NE Helena	30	0404CST 0418CST	11.6	100	0	0	400K	0	Tornado (F1)
-----------------------------------	----	--------------------	------	-----	---	---	------	---	--------------

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## ALABAMA, Central

National Weather Service meteorologists surveyed the damage that affected the Helena, Alabaster, Pelham, and Chelsea areas early Saturday morning. The tornado has been rated an F1 with winds estimated around 75 miles an hour. The tornado first touched down just west of County Road 93 near the Cahaba Wildlife Management Area in Helena. The tornado moved generally eastward and crossed County Road 17, County Road 58, US 31, Interstate 65 and County Road 11 before ending near County Road 39. The tornado damage path was approximately 11.6 miles long and 100 yards wide at its widest point. The tornado was on the ground from approximately 504 AM CDT to 518 AM CDT. The initial damage was minor with only a few trees uprooted or snapped off west of County Road 17 in Helena. As the tornado crossed County Road 17, it intensified and caused its most significant damage. The most concentrated and significant damage occurred near Scurlock Road and County Road 17 then eastward along County Road 58 to just past County Road 95. Several subdivisions were affected including Braelinn Village, Amberley Woods, Navajo Hills, and Port South. Numerous homes suffered shingle and minor roof damage along with a few broken windows. Many trees and power lines were either blown down or snapped off. Power was unavailable for several hours due to downed power poles. A few homes suffered major damage due to fallen trees. Several automobiles and outbuildings were destroyed. A municipal park in Helena sustained minor damage. As the tornado crossed US 31 near Walmart, several large trees and signs were blown down or snapped off. A few homes just east of US 31 were damaged from fallen trees. For the remainder of the tornadoes path, the damage was relatively minor and mainly affected trees. The tornado crossed the Weatherly subdivision and the Ballantrae Golf Course and subdivision before ending just east of County Road 39 near Hidden Ridge.

Begin: 33 16.08/86 53.41 End: 33 16.45/86 41.34

### **Cherokee County Forney**

30	0405CST 0414CST			0	0	2K	0	Thunderstorm Wind (G52)
----	--------------------	--	--	---	---	----	---	-------------------------

A few trees were blown down across the southern part of the county.

### **Chilton County Countywide**

30	0414CST 0445CST			0	0	3K	0	Thunderstorm Wind (G52)
----	--------------------	--	--	---	---	----	---	-------------------------

A few trees were knocked down countywide.

### **Shelby County 2.8 NE Columbiana to 4.2 NE Columbiana**

30	0422CST 0423CST	2.2	150	0	0	200K	0	Tornado (F1)
----	--------------------	-----	-----	---	---	------	---	--------------

National Weather Service meteorologists surveyed the damage just northeast of Columbiana. It has been determined that the damage was the result of a tornado. The tornado has been rated an F1 on the Fujita Damage Scale with winds estimated around 75 miles an hour. The tornado touched down approximately 3 miles northeast of downtown Columbiana, just west of County Road 25 across the train tracks. The tornado snapped off and uprooted numerous trees and knocked over several power poles along its fairly short path. Some of the trees were several feet in diameter. Fallen trees significantly damaged one home, produced minor damage to a few other homes, destroyed at least 4 vehicles, and destroyed several outbuildings. The tornado crossed County Road 25 and headed eastward across mainly rural farmland. The tornado ended near the intersection of Davis Road and County Road 5 where a garage sustained roof damage and one large tree was uprooted. The tornado damage path was approximately 2.2 miles long and 150 yards wide at its widest point. The tornado started at 522 AM CDT and ended at 523 AM CDT.

Begin: 33 12.98/86 35.39 End: 33 13.13/86 33.20

### **Marengo County 5 E Linden**

30	0426CST			0	0	4K	0	Thunderstorm Wind (G52)
----	---------	--	--	---	---	----	---	-------------------------

Several trees were either snapped off or blown down along CR 39 just north of the Half Chance community.

### **Cleburne County Countywide**

30	0431CST 0512CST			0	0	2K	0	Thunderstorm Wind (G52)
----	--------------------	--	--	---	---	----	---	-------------------------

A few trees were blown down throughout the county.

### **Clay County Countywide**

30	0458CST 0525CST			0	0	3K	0	Thunderstorm Wind (G52)
----	--------------------	--	--	---	---	----	---	-------------------------

A few trees were blown down countywide outside of the tornado damage area.

### **Randolph County Countywide**

30	0509CST 0558CST			0	0	3K	0	Thunderstorm Wind (G52)
----	--------------------	--	--	---	---	----	---	-------------------------

Several trees were blown down outside of the tornado damage path.



# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b><u>ALABAMA, Central</u></b>									
<b>Clay County</b>									
11.7 S Ashland to 15.2 SE Lineville	30	0514CST 0526CST	10.6	200	0	0	80K	0	Tornado (F1)
<b>Tallapoosa County</b>									
5.7 NW Newsite to 4.3 NE Daviston	30	0514CST 0529CST	14.1	200	0	0	20K	0	Tornado (F1)
<b>Randolph County</b>									
5.1 SW Wadley to 2.5 SW Wadley	30	0526CST 0529CST	2.7	200	0	0	18K	0	Tornado (F1)
<b>Chambers County</b>									
7 NW Milltown to 6.4 NW Milltown	30	0529CST 0530CST	1	200	0	0	3K	0	Tornado (F1)
<b>Randolph County</b>									
1.1 S Wadley to 1.2 NE Wadley	30	0530CST 0533CST	2.2	200	0	0	60K	0	Tornado (F1)
<p>National Weather Service meteorologists surveyed the tornado damage that started over extreme northern Tallapoosa County, about 2.2 miles northwest of Goldville. It appears the tornado began at 614 AM CDT. There was F0 damage, in the form of scattered tree damage, from Vine Road just south of the Clay County line, east to near Highway 49. The damage increased to F1 damage along Highway 49, especially to the southeast of the highway. There were several dozen trees snapped and uprooted, with many signs of convergence in the pattern of fallen trees. There were a few broken windows in two houses, and one house had its carport lifted up off most of its support columns. In the same area of concentrated damage, four chicken houses sustained significant roof damage, and the tin was blown down the tornado track for about 100 yards. The chicken houses were just north of the county line, in Clay County. The tornado damage path was about 200 yards wide at this point. This damage occurred around 618 AM CDT. The tornado path continued to the east with more trees blown down along the Tallapoosa-Clay county line, including across Simpson Road and County Road 79. As it crossed County Road 79, around 627 AM CDT, the damage was along the Tallapoosa-Randolph county line. The damage path entered extreme northwest Chambers County, around 630 AM, along and north of Highway 22. At this point the tornado track ran parallel to Highway 22 all the way to Wadley, on a northeast track. Three brick buildings were significantly damaged in downtown Wadley, about 100 yards north of the Highway 22/77 intersection, on the east side of Highway 77. The southern most building, built in 1925, sustained a fire several years ago and was condemned. The fire had gutted the two-story building, and only the four walls were left standing. There was no roof on this building and it was taller than the two adjacent and attached buildings. The tornado significantly damaged at least two of the walls, and the top of the building toppled over onto the adjacent buildings, causing more damage. Since the integrity of the building had already been compromised, it was determined the damage was consistent with F0/F1 wind speeds. The tornado continued northeast across the Tallapoosa River and knocked down more trees near the intersection of County Road 33 and County Road 828, near Louina. The total damage path of the tornado was 17.1 miles long and 200 yards wide at its widest point. For purposes of this write-up, the tornado occurred in two counties at the same time because its placement was directly on the county lines.</p> <p>Begin: 33 06.25/85 48.71 End: 33 07.39/85 33.03</p>									
<b>Elmore County</b>									
Countywide	30	0522CST 0548CST			0	0	2K	0	Thunderstorm Wind (G52)
A few trees were blown down across Elmore County.									
<b>Dallas County</b>									
Minter to 5 SE Selma	30	0531CST 0557CST			0	0	55K	0	Thunderstorm Wind (G55)
Significant wind damage occurred generally from Minter to Selma and areas eastward to the Lowndes County line. Numerous trees and power lines were knocked down across the eastern third of the county. One mobile home was totally destroyed and at least 8 additional homes suffered varying degrees of damage. Several vehicles sustained damage from fallen trees. The Sardis Volunteer Fire Department was damaged.									
<b>Lowndes County</b>									
8 W Hayneville to 4 NW Hayneville	30	0548CST 0553CST			0	4	100K	0	Thunderstorm Wind (G60)

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## ALABAMA, Central

National Weather Service meteorologists surveyed the damage across Central Lowndes County. The damage was determined to be the result of straight line thunderstorm winds. Damage was first observed along County Road 17 between Panther Creek and Ash Creek Church. Damage continued eastward along County Road 13 for approximately 4 miles. Extensive tree damage was observed along this entire area. No evidence of rotation was observed. Additionally...more concentrated damage was discovered to two mobile homes and one old pillar and beam constructed home near Cherry Street. Both of the mobile homes were completely destroyed with debris scattered up to one hundred yards downwind. Four injuries

occurred in these homes, two middle aged females, a 2 year old girl and a 5 year old boy. Injuries were mostly cuts and bruises, although the five year old sustained several broken bones. A witness reported that the 5 year old was blown a considerable distance from the mobile home. The tin roof of the traditional home was completely removed. These residences were located atop a hill which likely enhanced the winds.

### **Lowndes County**

**4.2 SW White Hall to  
3 SW White Hall**

<b>30</b>	<b>0552CST 0553CST</b>	<b>1.6</b>	<b>50</b>	<b>0</b>	<b>1</b>	<b>110K</b>	<b>0</b>	<b>Tornado (F1)</b>
-----------	----------------------------	------------	-----------	----------	----------	-------------	----------	---------------------

National Weather Service meteorologists surveyed the damage across northwestern Lowndes County. It was determined that the damage was the result of a tornado that has been rated F1 on the Fujita Scale. The tornado first touched down near Mount Gillard Church, near the Intersection of US 80 and CR 17 around 652 AM CDT. It stayed on the ground for only about a minute, before lifting around 653 AM CDT. The total path length was 1.6 miles with a width of 50 yards at its widest point. This path was parallel to CR 17, with most of the damage on the northwest side of the road. This tornado, with winds estimated around 100 mph, uprooted or snapped dozens of trees, damaged 2 mobile homes severely...produced minor damage to 3 homes and caused severe roof damage to another home. The side of one of the mobile homes was breached by an unidentified piece of debris, resulting in a 7 foot by 3 foot hole. The most substantial damage to a home consisted of approximately one third of the roof being blown off, which resulted in the partial collapse of an exterior wall. One middle aged man was injured in this home but did not seek medical treatment.

Begin: 32 16.51/86 44.88 End: 32 17.17/86 43.49

### **Lowndes County**

**White Hall**

<b>30</b>	<b>0553CST 0605CST</b>			<b>0</b>	<b>0</b>	<b>26K</b>	<b>0</b>	<b>Thunderstorm Wind (G55)</b>
-----------	----------------------------	--	--	----------	----------	------------	----------	--------------------------------

Several trees were blown down across the eastern half of Lowndes County. This damage was not concentrated but was from the same line of storms that produced the damage near Mosses and White Hall.

### **Lee County**

**Countywide**

<b>30</b>	<b>0557CST 0645CST</b>			<b>0</b>	<b>0</b>	<b>4K</b>	<b>0</b>	<b>Thunderstorm Wind (G52)</b>
-----------	----------------------------	--	--	----------	----------	-----------	----------	--------------------------------

A few trees were blown down across the county.

### **Autauga County**

**Countywide**

<b>30</b>	<b>0601CST 0625CST</b>			<b>0</b>	<b>0</b>	<b>2K</b>	<b>0</b>	<b>Thunderstorm Wind (G52)</b>
-----------	----------------------------	--	--	----------	----------	-----------	----------	--------------------------------

A few trees were blown down across southern Autauga County.

### **Chambers County**

**Five Pts**

<b>30</b>	<b>0607CST</b>			<b>0</b>	<b>0</b>	<b>1K</b>	<b>0</b>	<b>Hail(1.00)</b>
-----------	----------------	--	--	----------	----------	-----------	----------	-------------------

Quarter size hail was reported in and near Five Points.

### **Montgomery County**

**Countywide**

<b>30</b>	<b>0607CST 0642CST</b>			<b>0</b>	<b>0</b>	<b>45K</b>	<b>0</b>	<b>Thunderstorm Wind (G55)</b>
-----------	----------------------------	--	--	----------	----------	------------	----------	--------------------------------

Numerous trees were blown down countywide. The most significant damage occurred across the eastern part of the county. Several structures suffered varying degrees of roof damage.

### **Pike County**

**Countywide**

<b>30</b>	<b>0633CST 0706CST</b>			<b>0</b>	<b>0</b>	<b>4K</b>	<b>0</b>	<b>Thunderstorm Wind (G52)</b>
-----------	----------------------------	--	--	----------	----------	-----------	----------	--------------------------------

A few trees were knocked down across the county.

### **Bullock County**

**Countywide**

<b>30</b>	<b>0640CST 0714CST</b>			<b>0</b>	<b>0</b>	<b>8K</b>	<b>0</b>	<b>Thunderstorm Wind (G52)</b>
-----------	----------------------------	--	--	----------	----------	-----------	----------	--------------------------------

Several trees were blown down across Bullock County outside of the concentrated damage areas mentioned.

### **Macon County**

**Countywide**

<b>30</b>	<b>0644CST 0710CST</b>			<b>0</b>	<b>0</b>	<b>3K</b>	<b>0</b>	<b>Thunderstorm Wind (G52)</b>
-----------	----------------------------	--	--	----------	----------	-----------	----------	--------------------------------

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## ALABAMA, Central

Several trees were blown down across Macon County outside of the concentrated damage areas mentioned.

### **Bullock County**

**2.8 NW Perote**

<b>30</b>	<b>0653CST</b>			<b>0</b>	<b>0</b>	<b>20K</b>	<b>0</b>	<b>Thunderstorm Wind (G55)</b>
	<b>0654CST</b>							

Right before the tornado touched down, a large swath of straight line wind damage occurred near the Blues Old Stand Community. One hundred or more large pine trees were snapped off 15 to 25 feet above the ground. The area of considerable tree damage was approximately two square miles.

### **Bullock County**

**2.8 N Perote to  
2 S Midway**

<b>30</b>	<b>0654CST</b>	<b>12.6</b>	<b>125</b>	<b>0</b>	<b>0</b>	<b>45K</b>	<b>0</b>	<b>Tornado (F0)</b>
	<b>0710CST</b>							

National Weather Service meteorologists surveyed the damage along CR 14 between Blues Old Stand and areas just south of Midway. It has been determined that the damage was caused by a tornado. The tornado has been rated an F0 with winds estimated around 70 miles an hour. The tornado touched down near Blues Old Stand around 754 AM CDT. The tornado traveled northeast for approximately 12.6 miles before lifting about 2 miles south of Midway around 810 AM CDT. Numerous trees were snapped off and uprooted along the tornado path. The crossed US 29, SR 239 and ended just before crossing SR 51. One commercial hunting lodge was damaged and one mobile home sustained roof damage.

Begin: 31 59.22/85 43.16 End: 32 02.89/85 30.99

### **Barbour County**

**2 SE Mt Andrew to  
1 E Comer**

<b>30</b>	<b>0712CST</b>	<b>10</b>	<b>75</b>	<b>0</b>	<b>0</b>	<b>40K</b>	<b>0</b>	<b>Tornado (F1)</b>
	<b>0719CST</b>							

The tornado first touched down southeast of Mount Andrew near CR 51 where several trees were blown down or snapped off. As the tornado moved northeastward, it gained strength and produced its most significant damage around the Barbour County Public Lake. Hundreds of very large trees were snapped off or blown down. Some of the trees were at least 4 feet in diameter. One home at the lake sustained significant damage due to fallen trees. Two out-buildings, one truck, and several boats were either damaged or destroyed on the lake property. Two 14ft aluminum boats were picked up and sent flying over 100 yards. Several lake roads were temporarily impassable due to the fallen trees. Numerous trees were snapped off as the tornado continued northeastward across the Barbour County State Wildlife Management Area. The tornado weakened near the end of the path and only produced light tree damage near US 82 and CR 49.

Begin: 31 55.82/85 29.82 End: 32 01.96/85 22.68

### **Russell County**

**Hurtsboro**

<b>30</b>	<b>0716CST</b>			<b>0</b>	<b>0</b>	<b>2K</b>	<b>0</b>	<b>Thunderstorm Wind (G52)</b>
-----------	----------------	--	--	----------	----------	-----------	----------	--------------------------------

A few trees were blown down in and near Hurtsboro.

### **Lee County**

**6.3 S Auburn**

<b>30</b>	<b>0723CST</b>			<b>0</b>	<b>0</b>	<b>2K</b>	<b>0</b>	<b>Thunderstorm Wind (G52)</b>
-----------	----------------	--	--	----------	----------	-----------	----------	--------------------------------

Several large trees were blown down just east of US 29 in southern Lee County.

### **Russell County**

**Pittsview to  
Cottonton**

<b>30</b>	<b>0731CST</b>			<b>0</b>	<b>0</b>	<b>8K</b>	<b>0</b>	<b>Thunderstorm Wind (G52)</b>
	<b>0738CST</b>							

Several trees were blown down or snapped off near CR 4 from Pittsview to Cottonton. Additional tree damage occurred along CR 12 east of Glenville.

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b><u>ALABAMA, North</u></b>									
<b>Lauderdale County</b>									
<b>Killen</b>	<b>01</b>	<b>1425CST 1426CST</b>			<b>0</b>	<b>0</b>			<b>Thunderstorm Wind (G50)</b>
									A tree was blown down by thunderstorm winds in Killen.
<b>Marshall County</b>									
<b>Grant</b>	<b>01</b>	<b>1650CST 1651CST</b>			<b>0</b>	<b>0</b>			<b>Thunderstorm Wind (G55)</b>
									Thunderstorm winds resulted in roof damage to a house.
<b>Marshall County</b>									
<b>5 NE Grant</b>	<b>01</b>	<b>1655CST 1656CST</b>			<b>0</b>	<b>0</b>			<b>Thunderstorm Wind (G55)</b>
									Thunderstorm winds blew a front porch off a house and destroyed a chicken house.
<b>Lauderdale County</b>									
<b>Countywide</b>	<b>06</b>	<b>1530CST 1730CST</b>			<b>0</b>	<b>0</b>			<b>Flash Flood</b>
									Several roads were closed due to flooding across the county including County Road 96 in Rogersville, County Road 130 and Military Road in Green Hill, and County Road 502 in Lexington.
<b>Lawrence County</b>									
<b>Speake</b>	<b>06</b>	<b>1723CST 1900CST</b>			<b>0</b>	<b>0</b>			<b>Flash Flood</b>
									Several inches of water over the intersection of County Road 203 and County Road 208 resulted in a road closure.
<b>Franklin County</b>									
<b>Russellville</b>	<b>06</b>	<b>1750CST 1751CST</b>			<b>0</b>	<b>0</b>			<b>Thunderstorm Wind (G50)</b>
									Thunderstorm winds blew a tree down on a power line and across a road.
<b>Marshall County</b>									
<b>3 N Grant</b>	<b>07</b>	<b>1336CST 1338CST</b>			<b>0</b>	<b>0</b>			<b>Hail(0.75)</b>
									Penny size hail was reported at Cathedral Caverns.
<b>Cullman County</b>									
<b>Cullman</b>	<b>21</b>	<b>1630CST 1633CST</b>			<b>0</b>	<b>0</b>			<b>Hail(0.88)</b>
									Nickel size hail was reported.
<b>Cullman County</b>									
<b>2 S Cullman</b>	<b>21</b>	<b>1634CST 1637CST</b>			<b>0</b>	<b>0</b>			<b>Hail(0.88)</b>
									Nickel size hail was reported.
<b>Colbert County</b>									
<b>Sheffield</b>	<b>21</b>	<b>2022CST 2023CST</b>			<b>0</b>	<b>0</b>			<b>Thunderstorm Wind (G50)</b>
									A tree was blown down on a house on East 20th street.
<b>Lauderdale County</b>									
<b>2 W Florence</b>	<b>21</b>	<b>2025CST 2028CST</b>			<b>0</b>	<b>0</b>			<b>Hail(0.88)</b>
									Nickel size hail was reported.
<b>Lauderdale County</b>									
<b>1 N Florence</b>	<b>21</b>	<b>2031CST 2034CST</b>			<b>0</b>	<b>0</b>			<b>Hail(1.75)</b>
									Golf ball size hail was reported.
<b>Madison County</b>									
<b>Toney</b>	<b>21</b>	<b>2245CST 2248CST</b>			<b>0</b>	<b>0</b>			<b>Hail(1.75)</b>
									Golf ball size hail was reported.
<b>Limestone County</b>									
<b>Ardmore</b>	<b>22</b>	<b>1700CST 1704CST</b>			<b>0</b>	<b>0</b>			<b>Hail(1.00)</b>
									Quarter size hail was reported.

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b><u>ALABAMA, North</u></b>									
<b>Jackson County</b>									
Section	22	1705CST 1712CST			0	0	20K		Hail(1.75)
		Golf ball size hail was reported.							
<b>Limestone County</b>									
Ardmore	22	1705CST 1708CST			0	0			Hail(1.00)
		Quarter size hail was reported.							
<b>Jackson County</b>									
3 S Section	22	1710CST 1715CST			0	0	50K		Hail(2.75)
		Baseball size hail was reported.							
<b>Jackson County</b>									
Langston	22	1720CST 1725CST			0	0			Hail(0.75)
		Penny size hail was reported.							
<b>Jackson County</b>									
Section	22	1730CST 1735CST			0	0			Hail(1.25)
		Half dollar size hail was reported.							
<b>Dekalb County</b>									
Rainsville	22	1735CST 1745CST			0	0	25K		Hail(1.75)
		Golf ball size hail covered the ground.							
<b>Marshall County</b>									
Guntersville	22	1739CST 1744CST			0	0			Hail(1.25)
		Half dollar size hail was reported.							
<b>Dekalb County</b>									
5 ESE Ft Payne	22	1759CST 1800CST	0.2	60	0	0			Tornado (F0)
		Tornado touched down briefly in Little River Canyon Wildlife Management Area near the intersection of Hurricane Creek and Little River. Numerous large trees were uprooted and snapped in this area. The damage occurred in a thickly forested area and the exact damage length was a bit uncertain. Maximum winds were estimated at 70 mph.							
<b>Dekalb County</b>									
Ft Payne	22	1800CST 1807CST			0	0			Hail(1.00)
		Quarter size hail was reported.							
<b>Dekalb County</b>									
Fyffe	22	1800CST 1802CST			0	0	10K		Thunderstorm Wind (G50)
		A barn along County Road 502 sustained wind damage.							
<b>Jackson County</b>									
Bridgeport	22	1800CST 1805CST			0	0			Hail(1.00)
		Quarter size hail was reported.							
<b>Dekalb County</b>									
Ft Payne	22	1805CST 1810CST			0	0			Hail(2.75)
		Baseball size hail was reported.							
<b>Dekalb County</b>									
Ft Payne	22	1807CST			0	0	50K		Hail(1.75)
		Golf ball size hail accumulated to a depth of 4 inches.							
<b>ALZ004-006-006</b>									
		<b>Lawrence - Madison</b>							
	30	0040CST 0100CST			0	0	5K		High Wind (G50)
		Probable gravity wave resulted in high winds that knocked down several trees and caused minor roof damage to a church in Caddo							

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b><u>ALABAMA, North</u></b>									
<b>Morgan County</b>									
Decatur	30	0117CST 0119CST			0	0			Thunderstorm Wind (G50)
Thunderstorm winds knocked down a few trees in Decatur.									
<b>Cullman County</b>									
Bremen	30	0230CST 0232CST			0	0			Thunderstorm Wind (G50)
Thunderstorm winds blew down a large tree across County Road 81.									
<b>Cullman County</b>									
Garden City	30	0240CST 0242CST			0	0			Thunderstorm Wind (G50)
Thunderstorm winds blew down a large tree across County Road 509.									
<b>Marshall County</b>									
Boaz	30	0320CST 0322CST			0	0			Thunderstorm Wind (G50)
Thunderstorm winds blew down a few trees in Boaz.									
<b>DeKalb County</b>									
Collinsville	30	0340CST 0342CST			0	0			Thunderstorm Wind (G50)
Thunderstorm winds blew down a large tree in Collinsville.									
<b><u>ALABAMA, Southeast</u></b>									
<b>Coffee County</b>									
1 SE New Brockton	06	1900EST 2000EST			0	0			Hail(0.88)
The Coffee County EMA reported nickel size hail.									
<b>Dale County</b>									
Ariton	22	1940EST			0	0			Hail(1.75)
Golfball size hail reported by the public.									
<b>Dale County</b>									
5 N Ozark	22	2130EST			0	0	1K		Thunderstorm Wind (G50)
The Dale County EMA reported a few trees fell on a utility pole.									
<b>Coffee County</b>									
Countywide	30	0750EST 0805EST			0	0	15K		Thunderstorm Wind (G55)
Numerous downed trees and power lines blocking portions of State Highways 167 and 125. A residence was damaged on County Road 151 from fallen trees. Reported by the Coffee County EMA.									
<b>Dale County</b>									
Countywide	30	0810EST 0820EST			0	0	15K		Thunderstorm Wind (G55)
Numerous downed trees and power lines along County Roads 95 and 209, as well as State Highways 123 and 167. Reported by the Dale County EMA.									
<b><u>ALABAMA, Southwest</u></b>									
<b>Baldwin County</b>									
South Portion	01	0000CST 1130CST			0	0	100K		Flash Flood
Heavy rains that began on March 31 and continued into April 1 caused flooding in the southern parts of the county, generally south of I-10. Numerous roads had to be closed for several hours because of the heavy rains. It was estimated that ten to fifteen inches of rain fell across the area in a 24 hour period. Several homes were evacuated around the Styx river because of the threat of flooding. Several vehicles were flooded when people tried to drive on flooded roadways. Several bridges in the south part of the county also suffered damage from the water. No injuries occurred.									

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Persons Injured	Estimated Damage Property	Crops	Character of Storm
<b><u>ALABAMA, Southwest</u></b>									
<b>Mobile County</b> <b>South Portion</b>	<b>01</b>	<b>0000CST 1130CST</b>			<b>0</b>	<b>0</b>	<b>50K</b>		<b>Flash Flood</b>
Heavy rains that began on March 31 and continued into April 1 caused flooding in the southern parts of the county. Numerous roads had to be closed for several hours because of the heavy rains. It was estimated that seven to eleven inches of rain fell across the area in a 24 hour period. Some homes along the Fowl river and along low lying areas in the south part of the county were evacuated. No injuries occurred.									
<b>Mobile County</b> <b>(Mob)Mobile Bates Fl</b>	<b>01 30</b>	<b>0000CST 2359CST</b>			<b>0</b>	<b>0</b>			<b>Heavy Rain</b>
The rainfall total for April at Mobile Regional Airport was 16.62 inches. This was the third wettest April ever recorded in Mobile since records began in 1841. The wettest April was 17.69 inches in 1955.									
<b>Mobile County</b> <b>Mobile</b>	<b>01</b>	<b>0200CST 0203CST</b>			<b>0</b>	<b>0</b>			<b>Hail(0.88)</b>
<b>Mobile County</b> <b>Dauphin Is</b>	<b>01</b>	<b>0341CST 0343CST</b>			<b>0</b>	<b>0</b>			<b>Hail(0.88)</b>
<b>Mobile County</b> <b>(Mob)Mobile Bates Fl</b>	<b>01</b>	<b>0349CST 0350CST</b>			<b>0</b>	<b>0</b>			<b>Hail(0.88)</b>
<b>Mobile County</b> <b>(Mob)Mobile Bates Fl</b>	<b>01</b>	<b>0423CST 0425CST</b>			<b>0</b>	<b>0</b>			<b>Hail(1.00)</b>
<b>Mobile County</b> <b>Tanner Williams</b>	<b>01</b>	<b>0430CST 0434CST</b>			<b>0</b>	<b>0</b>			<b>Hail(1.00)</b>
<b>Baldwin County</b> <b>Loxley</b>	<b>01</b>	<b>0505CST 0508CST</b>			<b>0</b>	<b>0</b>	<b>15K</b>		<b>Thunderstorm Wind (G50)</b>
High winds from a thunderstorm blew down several trees and damaged a manufactured home near Loxley.									
<b>Baldwin County</b> <b>Foley</b>	<b>06</b>	<b>1405CST 1407CST</b>			<b>0</b>	<b>0</b>			<b>Hail(0.75)</b>
<b>Covington County</b> <b>Libertyville</b>	<b>06</b>	<b>1725CST 1727CST</b>			<b>0</b>	<b>0</b>	<b>3K</b>		<b>Hail(1.75)</b>
Golfball size hail fell from a thunderstorm near Libertyville. The hail damaged some automobiles.									
<b>Baldwin County</b> <b>South Portion</b>	<b>06</b>	<b>1730CST 2200CST</b>			<b>0</b>	<b>0</b>	<b>150K</b>		<b>Flash Flood</b>
Heavy rains again caused numerous streets to flood in the southern parts of the county. Rainfall totals of six to eight inches in a twelve hour period caused water to pond in several locations. Many drainage systems were also still clogged from debris from Ivan and caused water to pond more quickly than would normally occur. Several bridges suffered damage from the heavy rains and had to be closed for a few days until workers could repair them. From March 31 through April 7, it was estimated that 10 to 20 inches of rain fell across the southern parts of the county.									
<b>Mobile County</b> <b>South Portion</b>	<b>06</b>	<b>1730CST 2200CST</b>			<b>0</b>	<b>0</b>	<b>25K</b>		<b>Flash Flood</b>
Heavy rains again caused numerous streets to flood in the southern parts of the county. Rainfall totals of six to eight inches in a twelve hour period caused water to pond in several locations. Many drainage systems were also still clogged from debris from Ivan and caused water to pond more quickly than would normally occur. From March 31 through April 7, it was estimated that 10 to 15 inches of rain fell across the southern parts of the county.									
<b>Mobile County</b> <b>(Mob)Mobile Bates Fl to 2 E (Mob)Mobile Bates F</b>	<b>11</b>	<b>2349CST 2353CST</b>			<b>0</b>	<b>0</b>	<b>150K</b>		<b>Thunderstorm Wind (G75)</b>

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
<b><u>ALABAMA, Southwest</u></b>							
A thunderstorm moved just north of the airport and damaged a roof on a building at the Coast Guard station. A couple of air conditioners located on the roof were torn off and blown on the ground. There was some damage to light weight objects near the stations swimming pool area. There was also some minor tree damage at the base. The storm blew down a couple of trees just east of the airport. One of the trees fell on a home. Just a little north of the airport, a couple of barns had their roofs damaged. One of the Mobile Regional Airports' wind sheer sensors, located near the Coast Guard base, measured a gust of 75 knots.							
<b>Conecuh County</b> <b>Evergreen</b>	21	1740CST 1743CST			0 0		Hail(0.75)
<b>Escambia County</b> <b>Brewton</b>	21	1740CST 1743CST			0 0		Hail(0.88)
<b>Monroe County</b> <b>Monroeville</b>	21	1935CST 1937CST			0 0		Hail(0.75)
<b>Crenshaw County</b> <b>Highland Home</b>	22	1645CST 1647CST			0 0		Hail(0.75)
<b>Crenshaw County</b> <b>Highland Home</b>	22	1721CST 1724CST			0 0	5K	Hail(1.75)
Golfball size hail fell from a thunderstorm near Highland Home. The large hail damaged several vehicles.							
<b>Crenshaw County</b> <b>Bradleyton</b>	22	1736CST 1739CST			0 0	3K	Hail(1.75)
Golfball size hail fell from a thunderstorm near Bradleyton. The large hail caused minor damage to a few vehicles.							
<b>Wilcox County</b> <b>Alberta</b>	22	1820CST 1823CST			0 0		Hail(1.00)
<b>Washington County</b> <b>Millry</b>	22	1845CST			0 0	25K	Lightning
Lightning struck a home near Millry. The strike caused a fire and part of the home was damaged.							
<b>Monroe County</b> <b>Uriah</b>	22	1925CST 1927CST			0 0	10K	Thunderstorm Wind (G50)
High winds from a thunderstorm blew down several trees and power lines near Uriah. One of the fallen trees damaged a vehicle.							
<b>Mobile County</b> <b>Citronelle</b>	22	1930CST 1933CST			0 0	4K	Hail(1.75)
Golfball size hail fell from a thunderstorm near Citronelle. The large hail damaged several vehicles							
<b>Crenshaw County</b> <b>Highland Home to Luverne</b>	22	1955CST 1958CST			0 0	15K	Thunderstorm Wind (G50)
Several trees and power lines were blown down between Highland Home and Luverne. The trees and power lines were blown down by high winds from a line of thunderstorms that was moving through the area.							
<b>Crenshaw County</b> <b>Luverne</b>	22	2010CST 2012CST			0 0	10K	Thunderstorm Wind (G50)
Trees and power lines were blown down by high winds from a thunderstorm.							
<b>Baldwin County</b> <b>Bay Minette</b>	22	2026CST 2028CST			0 0		Hail(1.00)
<b>Baldwin County</b> <b>Bay Minette</b>	22	2123CST 2125CST			0 0		Hail(0.75)
<b>Mobile County</b> <b>Saraland</b>	26	1412CST 1414CST			0 0		Hail(0.88)



# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
<b><u>ALABAMA, Southwest</u></b>							
<b>Baldwin County</b>							
Whitehouse Forks	26	1438CST 1440CST			0 0	4K	Hail(1.75)
Golfball size hail fell from a thunderstorm near Whitehouse Forks. The large hail damaged a few vehicles.							
<b>Choctaw County</b>							
Pennington	30	0335CST 0337CST			0 0	10K	Thunderstorm Wind (G50)
Trees and power lines were blown down by high winds from a thunderstorm near Pennington.							
<b>Choctaw County</b>							
Gilbertown	30	0350CST 0354CST			0 0	10K	Thunderstorm Wind (G50)
High winds from a thunderstorm blew down trees and power lines in the south part of the county. Most of the downed trees were around Gilbertown.							
<b>Choctaw County</b>							
Pennington	30	0415CST 0417CST			0 0	15K	Thunderstorm Wind (G50)
High winds from a thunderstorm blew down several trees and power lines near Pennington. A few of the trees fell on some buildings causing minor damage to the structures.							
<b>Washington County</b>							
Yarbo	30	0435CST 0438CST			0 0	15K	Thunderstorm Wind (G50)
High winds from a thunderstorm blew down several trees and power lines near Yarbo. One of the trees fell on a home.							
<b>Clarke County</b>							
Coffeeville	30	0435CST 0437CST			0 0		Hail(1.00)
<b>Clarke County</b>							
Whatley	30	0455CST 0458CST			0 0	15K	Thunderstorm Wind (G50)
High winds from a thunderstorm blew down several trees and power lines near Whatley. Some of the trees fell on a house and caused minor damage to the roof.							
<b>Clarke County</b>							
Thomasville	30	0456CST 0459CST			0 0	10K	Thunderstorm Wind (G50)
Trees and power lines were blown down by high winds from a thunderstorm near Thomasville.							
<b>Monroe County</b>							
Monroeville	30	0510CST 0513CST			0 0	10K	Thunderstorm Wind (G50)
High winds from a thunderstorm blew down several trees and power lines north of Monroeville.							
<b>Wilcox County</b>							
Camden	30	0515CST 0517CST			0 0	8K	Thunderstorm Wind (G50)
Trees and power lines were blown down by high winds from a thunderstorm just southeast of Camden.							
<b>Butler County</b>							
Chapman	30	0600CST 0604CST			0 0	500K	Thunderstorm Wind (G70)
A large microburst from a thunderstorm blew down numerous trees in and around Chapman. Several of the trees fell on homes. One home had thirty four trees blown down in their yard. Luckily none fell on their house. They had just gotten their home repaired from the damage they received from Hurricane Ivan. Another home had a large tree break through their roof. They were asleep and the branches fell into their bedroom. They rushed into another room and the branches fell through the roof there and they were eventually able to escape into the garage. In all about 300 trees were blown down with several homes suffering damage, mostly from fallen trees. No one was injured.							
<b>Crenshaw County</b>							
Bradleyton to 4 E Bradleyton	30	0620CST 0624CST	4	200	0 0	150K	Tornado (F0)

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## ALABAMA, Southwest

A weak tornado moved across the northeast part of Crenshaw county. The tornado touched down near Bradleyton and moved almost due east for about four miles. Most of the damage was to timber with some minor damage to a church and a few homes. The most damage occurred when a tree fell through an almost new manufactured home and split the home in two. The tornado dissipated near the Helicon community. The lady who would have normally been sleeping in the home where the tree fell, had gone to the hospital for an appointment. Other people were sleeping on both ends of the home and never knew the tree had split the home in two until someone woke them up. No one was injured.

### **Mobile County Central Portion to South Portion**

**30 0815CST 1030CST 0 0 Flash Flood**

Heavy rains caused street flooding across the central and southern parts of the county. Rainfall totals across the area were between three and five inches. Numerous streets in the south part of the county were flooded and had to be closed for a couple of hours. This is the third time this month that this same area has been impacted by heavy rains and street flooding.

### **Baldwin County Central Portion to South Portion**

**30 0815CST 1000CST 0 0 Flash Flood**

Heavy rains caused several streets across the central and southern parts of the county to flood. The area hardest hit was generally south of I-10. Rainfall totals across the area were between three and four inches. This is the third time this month that this same area has been impacted by heavy rains and street flooding.

### **Baldwin County Elberta**

**30 0925CST 0928CST 0 0 Hail(0.75)**

## ALASKA, Northern

### **AKZ214**

**Yukon Delta  
06 0935AST 1915AST 0 0 Blizzard**

Moderate northerly winds increased as a weak weather front approached; likely creating blizzard conditions at Cape Romanzof.

### **AKZ219-225>226**

**Upper Koyukuk Valley - Denali - Ne. Slopes Of The Ern Ak Rng  
17 1500AST 19 0830AST 0 0 Heavy Snow**

Heavy snow occurred in several places in the interior as an Arctic front moved southeast on the 17th through 19th. In the Bettles area. Snow started at 0900 AST on the 16th. Total accumulation was 9.1 inches. Snow occurred from slow cooling from an Arctic Front drifting southeast over the area and warm moist air overrunning the region. Along the Alaska Range zones, the front pushed moist air upslope to increase the cooling and produced:

Zone 225 - 10.7 inches of snow in 24 hours at Denali National Park Headquarters. Snow began early in the morning of the 17th with a total accumulation of 15.5 inches through early morning of the 19th.

Zone 226 - 18 inches of snow reported by the Alaska Highway Maintenance camp at Trims on the Richardson Highway. Snow began on the 17th; time unknown.

### **AKZ214**

**Yukon Delta  
20 1835AST 2055AST 0 0 Blizzard**

### **AKZ223-225>226**

**Deltana And Tanana - Denali - Ne. Slopes Of The Ern Ak Rng  
21 1800AST 23 1703AST 0 0 High Wind (G62)**

A strong weather front moved north from the Gulf of Alaska producing high south winds through Alaska Range Passes, as reported at:

Zone 223: Delta Junction ASOS: gust to 62 knots (71 mph).

Zone 225: Amateur Radio observer: gusts to 58 knots (67 mph).

Zone 226: US Army Mesonet stations: Texas Co-op: gusts to 55 knots (63 mph); Texas Range: gusts to 52 knots (60 mph).

Blizzard conditions were likely at Cape Romanzof in zone 214 as the associated low pressure center approached the area on the 20th.

### **AKZ222**

**Middle Tanana Valley  
23 0649AST 24 1109AST 0 0 Flood**

Kokomo Creek at Mile 38 of the Steese Highway flooded due to a high level of snowmelt and overrun from culverts still plugged with ice. One home and garage was flooded.

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## ALASKA, Northern

AKZ223

**Deltana And Tanana**

26 1615AST  
28 0300AST

0 0

**Flood**

Along with a high amount of snowmelt, an ice jam formed in the Tanana River downstream of Piledriver slough in the Salcha Area, causing water to flow into Piledriver Slough, which then went overbank flooding portions of the Old Richardson Highway and a number of residences along Piledriver Slough. Access to several residences were cut off during the event, and the Old Richardson highway had 2 to 3 feet of water over it for a time. Damage amounts unknown.

AKZ222

**Middle Tanana Valley**

28 0900AST  
30 2359AST

0 0

**Flood**

The lower Chatanika went overbank twice from ice jams that formed downstream of a half-dozen or more cabins. Two of the cabins were flooded. Damage amount unknown. Event continued into May.

## ALASKA, Southeast

AKZ023-027>028

**Cape Decision To Salisbury Sound Coastal Area - Dixon Entrance To Cape Decision Coastal Area - Southern Inner Channels**

05 0500AST  
1230AST

0 0

**High Wind (G56)**

High winds from the south-southeast developed along a front that swept into the central and southern Southeast Alaskan coast. Peak wind gusts of 64 mph (56 knots) occurred on the Central Dixon Entrance buoy, and 62 mph (54 knots) at Cape Decision. The weather spotter in Port Alexander measured south winds sustained at 46 mph (40 knots) with gusts to 63 mph (55 knots). Other spotter reports estimated winds in excess of 60 mph in Craig and on Blashke Island. No significant damage nor injuries were reported.

## ALASKA, Southern

AKZ145

**Susitna Valley**

18 2000AST  
19 2000AST

0 0

**Heavy Snow**

A low moved into the south central region of Alaska Monday April 18th. This low produced moderate to heavy snow throughout the Susitna Valley with the heaviest snow occurring along the Parks Highway between mile posts 159 to 196. The State of Alaska Department of Transportation reported 16 inches of snow fell along the highway from 1 am to 1 pm on Tuesday, April 19th.

AKZ101-181

**Anchorage Muni To Bird Creek - Alaska Peninsula**

21 1300AST  
22 1100AST

0 0

100K

**High Wind (G78)**

A strong 967 MB low moved over the False Pass area Thursday morning. The low continued northeast to the Kuskokwim Delta Thursday night. The associated front moved into the south central region of Alaska Thursday evening. Wind in advance of this front and the typical strong gap wind through the mountains gusted to 90 mph along the upper hillside of Anchorage Thursday night. Wind gusted to 86 mph along Turnagain Arm Thursday night. Southeast wind gusted to 79 mph at Cold Bay on the Alaska Peninsula Thursday night. Damage associated with the wind occurred around the Anchorage Downtown area. A roof was torn off a building with an estimate of \$100,000 in damage.

**Kenai Peninsula**

**1.5 S Kasilof**

29 1515AST  
1517AST

0 0

1K

**Dust Devil**

A dust devil was observed on the ground for approximately 2 minutes near Tustumena Lodge at mile 111 on the Sterling Highway. The Dust devil crossed the road. It was about twice the height of the surrounding trees, blew down several trees and knocked down a 20 foot sign.

## AMERICAN SAMOA

ASZ002>003

**Tutuila - Manu'A**

02 1200SST  
2200SST

0 0

2K

**Strong Wind**

A combination of strong trade and east winds across the Islands generated debris along highways and recreational areas. Isolated plantations at higher elevations were damaged from strong winds. Unmeasurable higher gusts were reported from other villages in Tutuila, but no injury was reported.

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## AMERICAN SAMOA

ASZ002>003

**Tutuila - Manu'A**

**21 1300SST 2200SST 0 0 0 2K Strong Wind**

A developing Tropical Depression about 300 miles southwest of Tutuila impacted local condition over Tutuila and Manu'a Islands on April 21st. Increasing downslope winds affected most residents in Tutuila and Manu'a, causing downed plantation for some farmers on Tutuila. Weather Spotters reported flying tents and outdoor furnitures from this episode. No injury reported.

## ARIZONA, Central and Northeast

AZZ014

**Little Colorado River Valley In Apache County**

**04 1300MST 1900MST 0 0 High Wind (G59)**

A strong Pacific cold front moved across northern Arizona on April 4 with very strong wind. The strongest wind was in the eastern Little Colorado River Valley. St Johns airport had a wind gust to 59 MPH. The Petrified Forest National Park reported sustained wind between 40 and 50 MPH with a peak wind gust of 68 MPH. Blowing dust reduced the visibility to near zero at the park.

AZZ004

**Kaibab Plateau**

**06 2300MST 07 0700MST 0 0 High Wind (G63)**

A strong Pacific cold front brought high winds to the Kaibab Plateau overnight April 6 to 7. Remote Automated Weather Stations (RAWS) recorded peak wind gusts of 73 MPH at Four Springs and 60 MPH at Paria Point.

AZZ012>013-015

**Little Colorado River Valley In Coconino County - Little Colorado River Valley In Navajo County - Western Mogollon Rim**

**19 0900MST 1900MST 0 0 High Wind (G66)**

A strong area of low pressure over southern Utah brought very strong winds to much of northern Arizona on April 19. The strongest winds were observed from East Flagstaff, into the Little Colorado River Valley, and into the Winslow area. The highest wind gusts were reported in Leupp (76 MPH), Doney Park (64 MPH), and Winslow (63 MPH). In Winslow, there were some power outages and a trampoline blew into a car. A semi truck and trailer was blown onto its side on I-40 near Winslow. The visibility was below 1/2 mile between Holbrook and Winslow between 4:00 and 5:00 PM.

**Coconino County**

**Flagstaff Arpt**

**23 1640MST 0 0 Funnel Cloud**

A funnel cloud was sighted east of Lake Mary Road in southeast Flagstaff.

AZZ013

**Little Colorado River Valley In Navajo County**

**24 0151MST 0 0 High Wind (G60)**

A house trailer was moved 30 to 40 feet and ended up on its side. No one in the trailer was hurt. Two power poles were also blown down. The wind lasted less than ten minutes.

## ARIZONA, Northwest

## ARIZONA, South

## ARIZONA, Southwest

**La Paz County**

**2 S Quartzsite**

**23 1603MST 1608MST 0 0 Funnel Cloud**

Motorist on Interstate 10 observed funnel cloud.

**Yuma County**

**5 E Yuma**

**23 1657MST 0 0 20K Thunderstorm Wind (G50)**

Winds associated with thunderstorms damaged roofs and carports. Power was knocked out in parts of the Yuma Foothills area. Small hail was also reported with these thunderstorms.

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b><u>ARIZONA, Southwest</u></b>									
Maricopa County Wickenburg	23	1809MST			0	0			Hail(0.75)
<b><u>ARKANSAS, Central and North Central</u></b>									
Polk County 2 S Cove	05	1935CST			0	0			Hail(0.75)
Polk County Hatfield	05	1938CST			0	0			Hail(0.75)
Pike County Langley	05	2030CST			0	0			Hail(0.75)
Montgomery County Norman	05	2035CST			0	0			Thunderstorm Wind (G50)
		Thunderstorm winds downed some power lines.							
Johnson County 4 NE Clarksville	05	2115CST			0	0			Thunderstorm Wind (G50)
		Several large trees were blown down.							
Perry County Perry	05	2125CST			0	0			Thunderstorm Wind (G50)
		Thunderstorm winds blew down some trees.							
Searcy County Leslie	05	2130CST			0	0	5K		Thunderstorm Wind (G45)
		Thunderstorm winds blew the metal roofing off several buildings in Leslie.							
Pope County Pottsville	05	2130CST			0	0			Thunderstorm Wind (G50)
Pope County Russellville	05	2130CST			0	0			Thunderstorm Wind (G50)
Pope County Moreland	05	2140CST			0	0			Thunderstorm Wind (G50)
		Severe thunderstorms downed numerous trees and power lines across portions of Pope County.							
Garland County 6 SW Hot Spgs	05	2132CST			0	0			Hail(0.75)
Conway County Overcup	05	2155CST			0	0			Thunderstorm Wind (G50)
		Thunderstorm winds downed some power lines.							
Van Buren County Clinton	05	2210CST			0	0			Thunderstorm Wind (G50)
		Thunderstorm winds blew down some trees and power lines.							
Stone County 2 S Mountain View	05	2245CST			0	0			Thunderstorm Wind (G50)
		Wind gusts from a severe thunderstorm blew the front porch off a store just south of Mountain Home.							
Pulaski County Little Rock	11	0425CST			0	0			Hail(0.75)
Pulaski County Oak Grove	11	0430CST			0	0			Hail(0.75)
White County Romance	11	0520CST			0	0			Hail(1.75)
Saline County Benton	11	0523CST			0	0			Hail(1.00)

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## ARKANSAS, Central and North Central

### Grant County

**Sheridan** 11 0555CST 0 0 **Hail(0.75)**

### Monroe County

**5 N Clarendon** 11 1030CST  
1300CST 0 0 **Flash Flood**

Heavy rains caused some localized flash flooding to occur north of Clarendon. Highway 302 was covered by high water and impassible for several hours.

### Arkansas County

**10 E Stuttgart** 11 1200CST  
1300CST 0 0 **Flash Flood**

Heavy rains flooded parts of Highway 153 east of Stuttgart. The highway was blocked for about an hour due to the high water levels.

### Yell County

**3 SW Dardanelle to  
1.7 WSW Dardanelle** 11 1745CST  
1752CST 2.1 25 0 0 **Tornado (F0)**



©2005 Jason Politte (Video Capture)

*In the picture: Storms were fairly isolated in western Arkansas during the afternoon of 04/11/2005. One of the storms produced a weak tornado a few miles west of Dardanelle (Yell County). The picture is courtesy of Jason Politte.*

A weak tornado touched down briefly to the southwest of Dardanelle. The only notable damage along the path of the tornado were a number of downed trees and others where their tops were twisted off. The tornado was witnessed and photographed by a visitor to a nearby state park.

### Johnson County

**Coal Hill** 11 1845CST 0 0 **Hail(1.00)**

### Johnson County

**Hartman** 11 1855CST 0 0 **Hail(1.00)**

### Baxter County

**3 NE Buford** 21 1440CST 0 0 **Thunderstorm Wind (G50)**  
Thunderstorm winds downed several trees.

### Johnson County

**Piney** 21 1507CST 0 0 **Hail(0.75)**

### Baxter County

**2 NE Briarcliff** 21 1510CST 0 0 **Thunderstorm Wind (G50)**

### Baxter County

**Norfork** 21 1513CST 0 0 **Thunderstorm Wind (G50)**

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------	---------------------------------	-------	--------------------

## ARKANSAS, Central and North Central

Thunderstorm winds downed a number of trees and power lines.

### Marion County

Peel	21	1520CST			0	0			Hail(0.75)
------	----	---------	--	--	---	---	--	--	------------

### Pope County

London	21	1525CST			0	0			Hail(1.00)
--------	----	---------	--	--	---	---	--	--	------------

### Izard County

Wideman	21	1605CST			0	0			Hail(0.75)
---------	----	---------	--	--	---	---	--	--	------------

### Izard County

2 S Oxford	21	1618CST			0	0			Hail(1.00)
------------	----	---------	--	--	---	---	--	--	------------

### Izard County

1 N Oxford	21	1620CST			0	0			Hail(1.00)
------------	----	---------	--	--	---	---	--	--	------------

### Izard County

Calico Rock	21	1626CST			0	0			Hail(1.00)
-------------	----	---------	--	--	---	---	--	--	------------

### Izard County

Zion	21	1737CST			0	0			Hail(0.75)
------	----	---------	--	--	---	---	--	--	------------

### Independence County

5 N Batesville	21	1832CST			0	0			Hail(0.75)
----------------	----	---------	--	--	---	---	--	--	------------

### Independence County

Newark	21	1856CST			0	0			Hail(1.00)
--------	----	---------	--	--	---	---	--	--	------------

### Independence County

Cord	21	1858CST			0	0			Hail(1.00)
------	----	---------	--	--	---	---	--	--	------------

### Independence County

Newark to New Hope	21	1900CST			0	0			Hail(1.00)
-----------------------	----	---------	--	--	---	---	--	--	------------

### Jackson County

Tuckerman	21	1913CST			0	0			Hail(1.75)
-----------	----	---------	--	--	---	---	--	--	------------

### Van Buren County

Dennard	28	2015CST			0	0			Hail(1.75)
---------	----	---------	--	--	---	---	--	--	------------

### Pope County

Russellville	29	0515CST			0	0			Hail(1.00)
--------------	----	---------	--	--	---	---	--	--	------------

### Pope County

Atkins	29	0523CST			0	0			Hail(1.75)
--------	----	---------	--	--	---	---	--	--	------------

### Pope County

Pottsville	29	0537CST			0	0			Hail(1.75)
------------	----	---------	--	--	---	---	--	--	------------

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## ARKANSAS, Central and North Central



*In the picture: Numerous hail storms developed north of a warm front in about the northern half of Arkansas on 04/29/2005. South of the front, a layer of warm air aloft kept the atmosphere capped with no storms noted.*

Cleburne County									
8 SW Heber Spgs	29	0545CST			0	0			Hail(1.75)
Cleburne County									
6 SE Heber Spgs	29	0550CST			0	0			Hail(1.25)
Johnson County									
4 E Clarksville	29	0550CST			0	0			Hail(0.75)
White County									
Pangburn	29	0600CST			0	0			Hail(1.25)
Faulkner County									
Guy	29	0600CST			0	0			Hail(0.88)
Faulkner County									
4 SE Guy	29	0605CST			0	0			Hail(0.75)
Faulkner County									
10 E Greenbrier	29	0610CST			0	0			Hail(0.75)
Logan County									
10 ENE Magazine	29	0610CST			0	0			Hail(1.75)
Several vehicles and campers were damaged by golfball sized hail at Mt. Magazine State Park.									
White County									
14 N Judsonia	29	0620CST			0	0			Hail(1.00)
Yell County									
3 E Chickalah	29	0630CST			0	0			Hail(1.75)
Yell County									
Danville	29	0630CST			0	0			Hail(1.25)
Yell County									
Ola	29	0638CST			0	0			Hail(1.75)
White County									
Searcy	29	0645CST			0	0			Hail(0.88)



# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b><u>ARKANSAS, Central and North Central</u></b>									
White County Judsonia	29	0653CST			0	0			Hail(0.88)
Perry County Bigelow	29	0720CST			0	0			Hail(1.25)
Perry County 1 S Perryville	29	0725CST			0	0			Hail(1.00)
Faulkner County 1 S Mayflower	29	0740CST			0	0			Hail(1.00)
Faulkner County 1 S Mayflower	29	0743CST			0	0			Hail(0.88)
Faulkner County Cato	29	0750CST			0	0			Hail(1.00)
Hail covered the ground at several locations in southern Faulkner County.									
Pulaski County 3 NW Morgan	29	0746CST			0	0			Hail(1.00)
Pulaski County Runyan Acres	29	0750CST			0	0			Hail(0.88)
Pulaski County 1 N Gravel Ridge	29	0755CST			0	0			Hail(1.50)
Pulaski County 1 S Jacksonville	29	0800CST			0	0			Hail(1.75)
Pulaski County Little Rock Afb	29	0800CST			0	0			Hail(1.00)
Pulaski County Jacksonville	29	0804CST			0	0			Hail(1.00)
Pulaski County Jacksonville	29	0808CST			0	0			Hail(1.75)
Lonoke County Cabot	29	0815CST			0	0			Hail(0.75)
Faulkner County 2 W Conway	29	0819CST			0	0			Hail(1.75)
Faulkner County 2 SE Conway	29	0845CST			0	0			Hail(1.75)
Lonoke County Cabot	29	0853CST			0	0			Hail(1.50)
Lonoke County 1 W Cabot	29	0855CST			0	0			Hail(1.75)
Lonoke County Ward	29	0857CST			0	0			Hail(1.00)
Lonoke County Ward	29	0900CST			0	0			Hail(0.75)
Prairie County Hickory Plains	29	0920CST			0	0			Hail(0.75)
White County Searcy	29	1020CST			0	0			Hail(0.75)
White County Searcy	29	1026CST			0	0			Hail(1.00)

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## ARKANSAS, Central and North Central

White County									
Searcy	29	1030CST			0	0			Hail(0.75)
Woodruff County									
Mc Crory	29	1055CST			0	0			Hail(0.75)
Pope County									
Russellville	29	1208CST			0	0			Hail(0.88)
Cleburne County									
5 SW Heber Spgs	29	1330CST			0	0			Hail(1.75)
Cleburne County									
6 SE Wilburn	29	1330CST			0	0			Hail(1.75)
Jackson County									
Erwin	29	1415CST			0	0			Hail(1.75)
Cleburne County									
Heber Spgs	29	1420CST			0	0			Hail(0.75)
Cleburne County									
5 SW Heber Spgs	29	1445CST			0	0			Hail(0.75)
Jackson County									
5 WSW Ingleside	29	1457CST			0	0			Hail(1.75)
Jackson County									
Olyphant	29	1500CST			0	0			Hail(1.25)

## ARKANSAS, East

Craighead County									
Caraway	29	1410CST 1415CST			0	0	0.10K		Hail(1.00)
Mississippi County									
2 N Three Way	29	1420CST 1425CST			0	0	0.10K		Hail(1.00)
Mississippi County									
Luxora	29	1437CST 1445CST			0	0	0.10K		Hail(1.00)
Poinsett County									
Weiner	29	1442CST 1450CST			0	0	5K		Hail(1.75)
Several vehicles were damaged.									
Poinsett County									
Fisher	29	1527CST 1535CST			0	0	0.75K		Hail(1.75)
Poinsett County									
Marked Tree	29	1602CST 1610CST			0	0	0.10K		Hail(1.00)
Mississippi County									
Dyess	29	1617CST 1625CST			0	0	0.01K		Hail(0.75)

## ARKANSAS, Northwest

Sebastian County									
1 W Ft Smith	05	1907CST			0	0			Hail(0.75)

# Storm Data and Unusual Weather Phenomena

April 2005

									April 2005
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Character of Storm	
					Killed	Injured	Property Crops		
<u><b>ARKANSAS, Northwest</b></u>									
Crawford County Van Buren	05	1922CST			0	0		Hail(0.88)	
Washington County Cincinnati	05	1925CST			0	0		Hail(0.75)	
Crawford County Mountainburg	05	1935CST			0	0		Hail(1.00)	
Benton County Bentonville	05	2002CST			0	0		Hail(0.75)	
Franklin County 7 WNW Ozark	05	2010CST			0	0		Hail(0.88)	
Franklin County 2 N Altus	11	1456CST			0	0		Hail(1.00)	
Franklin County 2 N Ozark	11	1510CST	0.1	30	0	0		Tornado (F0)	
A tornado briefly touched down near Hudspeth Lake just north of I-40.									
Franklin County 2 S Altus	11	1543CST			0	0		Hail(1.25)	
Franklin County Altus	11	1553CST			0	0		Hail(0.75)	
Carroll County 1 NE Beaver	11	1643CST			0	0		Hail(1.00)	
Carroll County Green Forest	11	1645CST			0	0		Hail(0.75)	
Carroll County Green Forest	11	1645CST			0	0		Thunderstorm Wind (G52)	
Thunderstorm winds estimated at 60 miles an hour blew down large tree limbs.									
Carroll County 3 N Coin	11	1705CST			0	0		Hail(0.75)	
Franklin County 4 SE Cecil	21	1512CST			0	0		Hail(1.75)	
Franklin County 6 S Ozark	21	1516CST			0	0		Hail(0.88)	
Crawford County Figure Five	29	0550CST			0	0		Hail(0.75)	
Franklin County 4 W Ozark	29	0620CST			0	0		Hail(0.88)	
Franklin County Altus	29	0639CST			0	0		Hail(1.00)	
Franklin County 4 W Ozark	29	0652CST			0	0		Hail(0.88)	
Franklin County Ozark	29	0700CST			0	0		Hail(0.75)	

## **ARKANSAS, Southeast**

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## ARKANSAS, Southwest

### Sevier County

**Lockesburg**      **05**      **2038CST**                **0**      **0**      **125K**           **Lightning**  
 Lightning struck a home in town resulting in a fire. The house burned to the ground but there were no injuries.

### Lafayette County

**Stamps**      **26**      **0040CST**                **0**      **0**                **Hail(1.00)**

### Lafayette County

**Stamps to  
Lewisville**      **26**      **0040CST**                **0**      **0**                **Hail(1.00)**

## ATLANTIC OCEAN

**ANZ532**      **Chesapeake Bay Sandy Pt To N Beach Md**  
**Annapolis to**      **02**      **1710EST**                **0**      **0**                **Marine Tstm Wind (G38)**  
**North Beach**           **1730EST**

**ANZ531**      **Chesapeake Bay Pooler Is To Sandy Pt Md**  
**Millers Island to**      **03**      **0046EST**                **0**      **0**                **Marine Tstm Wind (G35)**  
**Riviera Beach**           **0100EST**

**ANZ532**      **Chesapeake Bay Sandy Pt To N Beach Md**  
**Annapolis to**      **03**      **0053EST**                **0**      **0**                **Marine Tstm Wind (G43)**  
**North Beach**           **0125EST**

A low pressure system moved from the southeast United States and into the mid-Atlantic region on April 2, 2005. This system caused significant flooding and damaging wind gusts across a large portion of Maryland, Virginia, and West Virginia.

**ANZ632**      **Chesapeake Bay New Pt Comfort To Cp Henry Va**  
**New Point Comfort to**      **02**      **1743EST**                **0**      **0**                **Marine Tstm Wind (G39)**  
**Cape Henry**  
 Wind gust of 39 knots measured at ORF.

**ANZ632**      **Chesapeake Bay New Pt Comfort To Cp Henry Va**  
**New Point Comfort to**      **02**      **1812EST**                **0**      **0**                **Marine Tstm Wind (G37)**  
**Cape Henry**  
 Wind gust of 37 knots measured at Kiptopeke.

**ANZ656**      **Cp Charles Lt Va To Nc-Va Bdr Out 20Nm**  
**Cape Charles Light to**      **02**      **1824EST**                **0**      **0**                **Marine Tstm Wind (G42)**  
**Nc-Va Border**  
 Wind gust of 42 knots measured at the Chesapeake Bay Bridge Tunnel.

**ANZ630**      **Chesapeake Bay Smith Pt To Windmill Pt Va**  
**Smith Pt to**      **02**      **1906EST**                **0**      **0**                **Marine Tstm Wind (G41)**  
**Windmill Point**  
 Wind gust of 41 knots measured at Lewisetta.

**ANZ536**      **Tidal Potomac Indian Hd To Cobb Is Md**  
**Quantico**      **23**      **1530EST**                **0**      **0**                **Marine Tstm Wind (G34)**  
    **1540EST**

**ANZ534**      **Chesapeake Bay Drum Pt To Smith Pt Va**  
**Solomons Island**      **23**      **1630EST**                **0**      **0**                **Marine Tstm Wind (G34)**  
    **1636EST**

**ANZ535**      **Tidal Potomac Key Bridge To Indian Hd Md**  
**Woodbridge**      **23**      **1640EST**                **0**      **0**                **Marine Tstm Wind (G34)**  
    **1645EST**

**ANZ535**      **Tidal Potomac Key Bridge To Indian Hd Md**  
**Rnld Reagan Natl Arprt**      **23**      **1700EST**                **0**      **0**                **Marine Tstm Wind (G34)**  
    **1706EST**

**ANZ534**      **Chesapeake Bay Drum Pt To Smith Pt Va**  
**Solomons Island**      **23**      **1730EST**                **0**      **0**                **Marine Tstm Wind (G34)**  
    **1745EST**

**ANZ533**      **Chesapeake Bay N Beach To Drum Pt Md**  
**Cove Pt**      **23**      **1730EST**                **0**      **0**                **Marine Tstm Wind (G34)**  
    **1740EST**

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--	---------------------------------------	--------------------

## ATLANTIC OCEAN

**ANZ532** Chesapeake Bay Sandy Pt To N Beach Md  
**5 SE Annapolis** 23 1738EST 0 0 Marine Tstm Wind (G34)

**ANZ534** Chesapeake Bay Drum Pt To Smith Pt Va  
**Crisfield** 23 1850EST 0 0 Marine Tstm Wind (G34)  
 1855EST

A very strong cold front moved across the mid-Atlantic region on April 23, 2005. This front interacted with a moist and unstable airmass to generate significant strong to severe thunderstorms and high winds. Wind damage was reported across portions of central and northern Virginia, and southern and central Maryland, as well as across the Tidal Potomac and upper Chesapeake Bay marine waters. Damaging large hail was also reported in many locations with this storm system.

**ANZ450** Sandy Hook To Manasquan Inlet Nj Out 20Nm  
**Sandy Hook Bay** 28 1500EST 0 0 0 Marine Tstm Wind (G40)

A gust front from showers that moved across northern New Jersey caused winds to gust to 40 knots (46 mph) in Sandy Hook.

**ANZ338** New York Harbor  
**Station Bgmn4** 28 1505EST 0 0 Marine Tstm Wind (G49)

**ANZ355** Fire Island Inlet Ny To Sandy Hook Nj Out 20Nm  
**Long Beach** 28 1538EST 0 0 Marine Tstm Wind (G41)

**ANZ335** Long Island Sound W Of New Haven Ct To Port Jefferson Ny  
**12 W Bridgeport Airport** 28 1541EST 0 0 Marine Tstm Wind (G35)

**ANZ353** Moriches Inlet To Fire Island Inlet Ny Out 20Nm  
**13 E Fire Island Inlet** 28 1548EST 0 0 Marine Tstm Wind (G40)

**ANZ353** Moriches Inlet To Fire Island Inlet Ny Out 20Nm  
**11 NE Fire Island Inlet** 28 1603EST 0 0 Marine Tstm Wind (G37)

**ANZ330** Long Island Sound E Of New Haven Ct To Port Jefferson Ny  
**1 NE New Haven Airpor** 28 1616EST 0 0 Marine Tstm Wind (G39)

**ANZ335** Long Island Sound W Of New Haven Ct To Port Jefferson Ny  
**Bridgeport Airport** 28 1858EST 0 0 Marine Tstm Wind (G39)

**ANZ330** Long Island Sound E Of New Haven Ct To Port Jefferson Ny  
**Port Jefferson Harbor** 28 1917EST 0 0 Marine Tstm Wind (G36)

As a line of showers moved quickly east, it produced wind gusts from 35 knots at Westport Connecticut to 49 knots at the NOS PORTS Bergen Point wind system. Trained spotters reported that high winds over turned 2 boats in the Great South Bay.

**ANZ451** Manasquan Inlet To Little Egg Inlet Nj Out 20Nm  
**Pt. Pleasant to** 28 1600EST 0 0 0 Marine Tstm Wind (G38)  
**Barnegat Inlet**

A gust front from showers that moved across northern New Jersey caused winds to gust to 38 knots (44 mph) at Barnegat Inlet and 36 knots (42 mph) at Point Pleasant.

## CALIFORNIA, Extreme Southeast

## CALIFORNIA, North Central

## CALIFORNIA, Northeast

**CAZ072** Greater Lake Tahoe Area  
**03 1900PST** 0 0 Heavy Snow  
**04 0300PST**

A winter storm moved through eastern California and western Nevada on the 3rd and 4th. Snowfall amounts in the central Sierra approached two feet in the higher elevations.

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## CALIFORNIA, Northeast

Storm total snowfall amounts:

Sierra-at-Tahoe Ski Resort (8800 ft.)	21 inches
Alpine Meadows Ski Resort (mid-mtn)	16 inches
Soda Springs Ski Resort	16 inches
Kingvale (6100 ft.)	11 inches
Squaw Valley Ski Resort (8200 ft.)	10 inches

**CAZ073**

**Mono**

**03 2000PST**  
**04 0300PST**

**0 0**

**Heavy Snow**

A winter storm moved through eastern California and western Nevada on the 3rd and 4th. Snowfall amounts in the central Sierra approached two feet in the higher elevations.

Storm total snowfall amounts:

Mammoth Mountain Ski Resort	13 inches
Mammoth Lakes	9 inches

**CAZ071**

**Lassen/Eastern Plumas/Eastern Sierra**

**08 1000PST**  
**1500PST**

**0 0**

**Heavy Snow**

A fast-moving winter storm moved through the Sierra Nevada on the 8th, depositing more than a foot of snow in the higher elevations.

Storm total snowfall amounts:

Sattley	6 inches
---------	----------

**CAZ072**

**Greater Lake Tahoe Area**

**08 1000PST**  
**1500PST**

**0 0**

**Heavy Snow**

A fast-moving winter storm moved through the Sierra Nevada on the 8th, depositing more than a foot of snow in the higher elevations.

Storm total snowfall amounts:

Sierra-at-Tahoe Ski Resort	14 inches
Boreal Ski Resort	14 inches
Northstar-at-Tahoe Ski Resort	12 inches
Squaw Valley Ski Resort (8200 ft.)	12 inches
(6200 ft.)	5 inches
Echo Summit (7400 ft.)	8 inches
4 SSW Prosser Creek Res.	8 inches
South Lake Tahoe	7 inches
Meyers	6 inches

**CAZ071**

**Lassen/Eastern Plumas/Eastern Sierra**

**18 1900PST**  
**19 0030PST**

**0 0**

**Heavy Snow**

A total of 5 inches of snow reported at Sattley (5000 ft.) overnight.

**CAZ073**

**Mono**

**18 1900PST**  
**19 0030PST**

**0 0**

**Heavy Snow**

Overnight snowfall totals:

1 N Walker	9 inches
Mammoth Mountain Ski Resort	3 inches

**CAZ072**

**Greater Lake Tahoe Area**

**18 1900PST**  
**19 0030PST**

**0 0**

**Heavy Snow**

Overnight snowfall totals:

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------	---------------------------------	---------------------------------	------------------------------	--------------------

## CALIFORNIA, Northeast

Alpine Meadows Ski Resort	4 inches
2 N Incline Village (7600 ft.)	3 inches

## CALIFORNIA, Northwest

## CALIFORNIA, South Central

<b>CAZ096</b>	<b>S Sierra Mtns</b>								
	<b>03 2300PST</b>				<b>0</b>	<b>0</b>			<b>Winter Weather/Mix</b>
	<b>04 0300PST</b>								

<b>CAZ095-098&gt;099</b>	<b>Kern Cty Mtns - Indian Wells Vly - Se Kern Cty Desert</b>								
	<b>04 0414PST</b>				<b>0</b>	<b>0</b>	<b>27K</b>		<b>Strong Wind</b>
	<b>1400PST</b>								

Snowfall totals with this April storm varied from 7 inches at Lower Kibbie Ridge to 11" at Tenaya Lake and West Woodchuck Meadow in the S.Sierra Nevada very early on the 4th. Gusty frontal and post-frontal wind also occurred in the Kern Mountains and Deserts during the 4th. A truck was blown over on Highway 14 approximately 1.5 miles north of Mojave due to the gusting wind

<b>CAZ095-098&gt;099</b>	<b>Kern Cty Mtns - Indian Wells Vly - Se Kern Cty Desert</b>								
	<b>07 1200PST</b>				<b>0</b>	<b>0</b>	<b>3K</b>		<b>Strong Wind</b>
	<b>09 2000PST</b>								

Gusty west wind plagued the Kern County Mountains and Deserts at times from the 7th through the 9th of the month.

<b>CAZ097</b>	<b>Tulare Cty Mtns</b>								
	<b>08 1430PST</b>				<b>0</b>	<b>0</b>			<b>Winter Weather/Mix</b>
	<b>2300PST</b>								

In the Tulare County Mountains, Grant Grove reported 7" and Lodgepole 6" of new snow during the 8th.

<b>Merced County</b>									
<b>1 W Ballico to</b>	<b>08 1720PST</b>	<b>1.2</b>	<b>50</b>	<b>0</b>	<b>0</b>	<b>25K</b>	<b>50K</b>		<b>Tornado (F0)</b>
<b>.5 S Ballico</b>	<b>1732PST</b>								



*The track of the Ballico Tornado from northwest (lower left) to the southeast (upper right). (Photo by WCM Dan Gudgel)*

At Ballico, one larger funnel ran a course from northwest to southeast just west of the community of Ballico in Northern Merced County with a smaller funnel causing damage in a smaller path northeast of the main funnel in Ballico itself. The tornado was associated convection along pre- and post-trof wind shift line in the Central San Joaquin Valley during the early evening of the 8th

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Number of Persons Injured	Estimated Damage Property Crops	Character of Storm
<b>CALIFORNIA, South Central</b>								
<b>Merced County</b>								
Gustine	08	1720PST 1725PST			0	0		Funnel Cloud
Newspaper reports indicated a funnel cloud observed near Gustine at the same time as the Ballico Tornado.								
<b>CAZ095-098&gt;099</b>								
<b>Kern Cty Mtns - Indian Wells Vly - Se Kern Cty Desert</b>								
13		1050PST 2000PST			0	0	3K	Strong Wind
Westerly wind buffeted the Kern County mountains and deserts on the 13th.								
<b>CAZ095-098&gt;099</b>								
<b>Kern Cty Mtns - Indian Wells Vly - Se Kern Cty Desert</b>								
18 19		1145PST 2100PST			0	0	3K	Strong Wind
Kern County Mountains and Deserts had brisk west winds again on the 18th and 19th.								
<b>CAZ095</b>								
<b>Kern Cty Mtns</b>								
24		0327PST 0800PST			0	0	3K	Landslide
<b>Kern County</b>								
11.5 W Tehachapi	24	0327PST			0	0		Heavy Rain
<b>Tulare County</b>								
1.5 E California Hot Spgs California Hot Spgs	24	0327PST 0800PST			0	0		Heavy Rain
Relatively heavy rain up to 1.4" occurred in the mountain areas of Tulare County and Kern County of Interior Central California early on the 24th. A rockslide occurred in the Kern Canyon area east-northeast of Bakersfield due to the locally heavy rain.								
<b>CAZ098</b>								
<b>Indian Wells Vly</b>								
24		1325PST			0	0	5K	High Wind (G90)
As reported by residents at the north end of Ridgecrest, CA, approximately 30-seconds of a strong gust of wind caused minor damage the afternoon of the 24th. Fences were downed and roof shingles were blown off by what was likely a mountain wave rotor touchdown (based on photographic evidence).								
<b>Kings County</b>								
.5 W (Nlc)Nas Lemoore t (Nlc)Nas Lemoore	28	1135PST 1140PST			0	0		Funnel Cloud
<b>Kings County</b>								
Lemoore	28	1200PST 1300PST			0	0		Heavy Rain
<b>Kings County</b>								
1 W Lemoore	28	1225PST			0	0		Lightning
<b>Kings County</b>								
.5 NW Lemoore to .5 NE Lemoore	28	1233PST 1240PST			0	0		Funnel Cloud
Early afternoon thunderstorm activity brought locally heavy rain (0.88"), hail, and reports of funnel clouds around the city of Lemoore.								
<b>Kings County</b>								
4.5 WNW Hanford	28	1251PST 1301PST			0	0		Hail(0.75)
<b>Kings County</b>								
Lemoore	28	1253PST 1303PST			0	0		Hail(0.75)
<b>Kings County</b>								
4.7 WNW Hanford	28	1307PST 1317PST			0	0		Hail(1.25)
<b>Kings County</b>								
2 W Hanford	28	1309PST 1319PST			0	0		Hail(1.00)

Mid-day and afternoon thunderstorms during the 28th led to many reports of hail. Damage from hail on the 28th and other days of unseasonably persistent rain into early May resulted in significant crop damage in Central California. These damage figures will be reported in the May 2005 Storm Data.



# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## CALIFORNIA, South Central

### Kings County

1.6 NNW Hanford Muni . 28 1314PST 0 0 25K 400K Lightning



*A large oak tree literally exploded and was totally destroyed from a lightning strike within the city limits of Hanford, CA, on April 28th, 2005. (photo by WCM Dan Gudgel)*

Lightning struck within the city limits of Hanford, Kings County, CA, during the severe thunderstorm episode of the 28th. Beside the destroyed oak tree, windows at the home and in the adjacent house were broken by debris resulting from the strike. Reports from the Kings County, Tulare County, and Fresno County Ag Commissioners will summarize the crop damage from the late April and early May rains and hail. The Kings County Ag Commissioner estimated 20% of the cherry crop was damaged by the hail and rain on the 28th.

### Tulare County

7 NW Woodlake to 28 1323PST 0 0 Hail(0.75)  
8 N Woodlake 1400PST

### Fresno County

2 S Fowler to 28 1327PST 0 0 Funnel Cloud  
3.6 SSE Selma 1333PST

Several reports from storm chasers and CHP were received in regard to this funnel cloud.

### Tulare County

Porterville 28 1330PST 0 0 Heavy Rain  
1635PST

### Tulare County

Visalia 28 1428PST 0 0 Heavy Rain  
1700PST

### Tulare County

1 N Earlimart 28 1503PST 0 0 Heavy Rain  
1603PST

### Tulare County

5 SW Tulare 28 1530PST 0 0 Heavy Rain  
1622PST

Afternoon thunderstorm activity brought 1.57" of rain to the Porterville area the afternoon of the 28th. Numerous areas in Tulare County had road flooding difficulties due to locally heavy thundershowers.

### Fresno County

3 NW Selma to 28 1354PST 0 0 Funnel Cloud  
Selma 1400PST

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b><u>CALIFORNIA, South Central</u></b>									
<b>Fresno County</b>									
2 W Fresno to 1 W Fresno	28	1405PST 1410PST			0	0			Funnel Cloud
<b>Fresno County</b>									
2 W Fresno to 1 W Fresno	28	1405PST 1410PST			0	0			Hail(0.75)
<b>Fresno County</b>									
Parlier	28	1432PST 1600PST			0	0	250K		Heavy Rain
<b>Fresno County</b>									
5.7 WNW Fresno	28	1450PST 1530PST			0	0			Heavy Rain
Locally heavy rain of 3.57" with some hail during afternoon thunderstorm on the 28th led to substantial street flooding in Fresno County town of Parlier. Numerous areas of ponded water in roadways both west and east of the city of Fresno were also reported. Areas in Western Fresno County reported in excess of 1.25" of rain during the afternoon.									
<b>Fresno County</b>									
5.4 NE Caruthers	28	1405PST 1410PST			0	0			Funnel Cloud
<b>Fresno County</b>									
1 WSW Parlier to 2 NE Parlier	28	1411PST 1428PST			0	0			Hail(0.75)
Several reports of hail were received in and around the city of Parlier during the 28th. Crop damage from this event and persistent rain within Fresno County will be reported in the May 2005 Storm Data.									
<b>Tulare County</b>									
4 NNW Visalia Arpt to 5 NNE Visalia Arpt	28	1435PST 1445PST			0	0			Funnel Cloud



Funnel cloud north of Visalia, CA. (photo by Adele Greene)

## **CALIFORNIA, Southeast**

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## CALIFORNIA, Southwest

<b>CAZ061</b>	<b>Coachella Valley</b>	<b>07</b>	<b>1800PST</b> <b>1830PST</b>		<b>0</b>	<b>0</b>	<b>20K</b>		<b>Strong Wind</b>
	A wind gust of 52 mph was recorded at Thermal Airport. Blowing dust reduced visibility to less than one quarter mile and led to a 12-car pileup in La Quinta.								
<b>Orange County</b>									
<b>Dana Pt to San Clemente</b>		<b>28</b>	<b>0630PST</b> <b>0640PST</b>		<b>0</b>	<b>0</b>	<b>45K</b>		<b>Thunderstorm Wind (G60)</b>
	A squall line produced strong straight-line winds as it came ashore in southern Orange County. The strong winds damaged 8 to 12 homes in Dana Point and knocked down several trees. In San Clemente, strong winds blew over a chimney, a large motel sign, and numerous tree limbs. Wind damage was also reported in San Juan Capistrano.								
<b>Riverside County</b>									
<b>Hemet</b>		<b>28</b>	<b>1218PST</b>		<b>0</b>	<b>0</b>			<b>Funnel Cloud</b>
	Photographs of this event show the funnel cloud extending half way to the ground just east of Hemet.								
<b>San Diego County</b>									
<b>3 W Carlsbad</b>		<b>28</b>	<b>1850PST</b>		<b>0</b>	<b>0</b>			<b>Funnel Cloud</b>
	A funnel cloud was observed offshore by lifeguards in Carlsbad.								

## CALIFORNIA, Upper

## CALIFORNIA, West South Central

## CALIFORNIA, Western

## CARIBBEAN SEA AND TROPICAL ATLANTIC

<b>AMZ651</b>	<b>Deerfield Beach To Ocean Reef Fl</b>								
<b>6 SE Government Cut</b>	<b>02</b>	<b>1200EST</b>			<b>0</b>	<b>0</b>			<b>Marine Tstm Wind (G37)</b>
	A thunderstorm wind gust of 37 knots was measured at Fowey Rocks Light C-MAN.								
<b>AMZ370</b>	<b>S Santee R Sc To Savannah Ga 20 To 40Nm</b>								
<b>43 E Folly Beach</b>	<b>07</b>	<b>2250EST</b>			<b>0</b>	<b>0</b>			<b>Marine Tstm Wind (G35)</b>
	Thunderstorm winds gusted to near 35 knots at the Edisto buoy.								
<b>AMZ651</b>	<b>Deerfield Beach To Ocean Reef Fl</b>								
<b>6 SE Government Cut</b>	<b>08</b>	<b>0200EST</b>			<b>0</b>	<b>0</b>			<b>Marine Tstm Wind (G40)</b>
	A thunderstorm wind gust of 40 knots was measured at the Fowey Rocks Light C-MAN.								
<b>AMZ650</b>	<b>Jupiter Inlet To Deerfield Beach Fl Out 20Nm</b>								
<b>50 E Jupiter Inlet</b>	<b>08</b>	<b>0245EST</b>			<b>0</b>	<b>0</b>			<b>Marine Tstm Wind (G38)</b>
	A thunderstorm wind gust of 38 knots was measured at the Settlement Point C-MAN.								
<b>AMZ330</b>	<b>Charleston Harbor</b>								
<b>2 SE The Charleston Bat</b>	<b>13</b>	<b>1535EST</b>			<b>0</b>	<b>0</b>			<b>Marine Hail (1.00)</b>
<b>The Charleston Battrry</b>	Quarter size hail fell on James Island, which borders the harbor.								
<b>AMZ720</b>	<b>Atl Nearshore Waters Rio Guajataca Pr Ewd Thru Usvi</b>								
<b>San Juan</b>	<b>22</b>	<b>1502AST</b> <b>1515AST</b>			<b>0</b>	<b>0</b>			<b>Waterspout</b>
	Waterspout reported in the San Juan Bay.								

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## CARIBBEAN SEA AND TROPICAL ATLANTIC

<b>AMZ720</b>	<b>Atl Nearshore Waters Rio Guajataca Pr Ewd Thru Usvi</b>								
Guajataca	22	1755AST 1810AST			0	0			Waterspout
Several waterspouts were reported along the Hatillo coast east of Guajataca.									
<b>AMZ670</b>	<b>Jupiter Inlet To Deerfield Beach Fl 20 To 60Nm</b>								
5 E Jupiter Inlet	26	1400EST			1	0			Marine Tstm Wind (G30)
A man drowned when rough seas rocked a 17' fishing boat spilling the man into the ocean. Gradient wind speeds were around 30 knots.									
M42IW									
<b>AMZ330</b>	<b>Charleston Harbor</b>								
1 W The Charleston Batt	30	1509EST			0	0			Marine Tstm Wind (G40)
Thunderstorm winds gusted to 40 knots at the Coast Guard Station.									

## COLORADO, Central and Northeast

<b>COZ041</b>	<b>Elbert / C &amp; E Douglas Counties Above 6000 Feet</b>								
	05	0722MST 1640MST			0	0			Blizzard
<b>COZ042&gt;046-048&gt;051</b>	<b>Ne Weld County - C &amp; S Weld County - Morgan County - C &amp; E Adams &amp; Arapahoe Counties - N &amp; Ne Elbert County Below 6000 Feet / N Lincoln County - Logan County - Washington County - Sedgwick County - Phillips County</b>								
	05	0740MST 1214MST			0	0			High Wind (G62)
A surface low pressure system intensified over the eastern plains of Colorado and produced damaging wind gusts across much of the region. The strong wind gusts, ranging from 50 to 70 mph, damaged roofs and fences. In addition, sudden cross-winds blew over several empty semi-trailers along Interstates 70 and 76. Above 6 thousand feet, heavy snow and strong wind brought blizzard conditions to the Palmer Divide, south of Denver. Snowfall accumulations ranged from 3 to 8 inches over eastern Douglas and western Elbert Counties.									
Peak wind reports included: 71 mph (62 kts), 7 miles west-northwest of Merino, 70 mph (61 kts), 4 miles east of Haxtun and 5 miles south of Sedgwick, 68 mph (59 kts) at Crook, 67 mph (58 kts), 3 miles east of Wiggins, 60 mph (52 kts), 3 miles southwest of Bennett, Briggsdale and just northeast of Keenseburg, 59 mph (51 kts) at Akron, 7 miles east of Brighton and Limon, 58 mph (50 kts), 11 miles south of Wiggins. Snowfall totals for the blizzard included: 8 inches, 5 miles south-southeast of Sedalia, 4 inches, 3 miles northeast of Castle Rock, and 3.5 inches, 4 miles northeast of Franktown.									
<b>Grand County</b>									
11 NNE Kremmling	08	1355MST			0	0			Thunderstorm Wind (G53)
<b>COZ039&gt;041-046</b>	<b>Boulder &amp; Jefferson Counties Below 6000 Feet / W Broomfield County - N Douglas County Below 6000 Feet / Denver / W Adams &amp; Arapahoe Counties / E Broomfield County - Elbert / C &amp; E Douglas Counties Above 6000 Feet - N &amp; Ne Elbert County Below 6000 Feet / N Lincoln County</b>								
	08	1433MST 1618MST			0	0			High Wind (G59)
<b>Larimer County</b>									
4 NW Masonville	08	1547MST			0	0			Thunderstorm Wind (G56)
<b>Weld County</b>									
Greeley	08	1557MST			0	0			Thunderstorm Wind (G53)
<b>Weld County</b>									
Greeley	08	1615MST			0	0			Thunderstorm Wind (G61)
A mixture of a strong gradient wind, coupled with thunderstorm outflow winds, swept across parts of North-Central and Northeast Colorado during the afternoon. The strong wind downed power lines and knocked out electricity to approximately 19,000 customers on the east side of the Denver area. Peak wind reports from around the region included: 70 mph (61 kts) in Greeley, 68 mph (59 kts) in Longmont, 67 mph (58 kts), 12 miles northeast of Kiowa, 64 mph (56 kts), at Cheesman and 4 miles northwest of Masonville, 61 mph (53 kts), 3 miles northeast of Castle Rock and 11 miles north-northeast of Kremmling, 60 mph (52 kts) at Limon and 59 mph (51 kts) at Centennial Airport.									

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## COLORADO, Central and Northeast

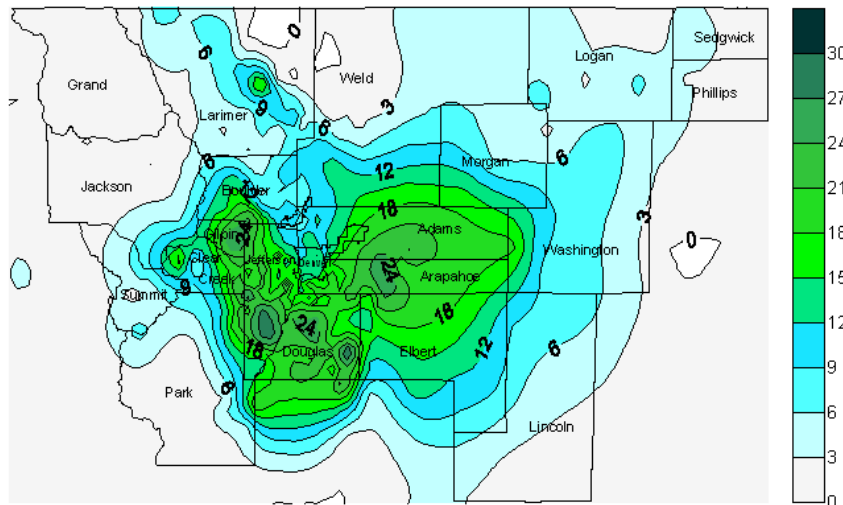
**COZ033-035>040-042>044-048** S & E Jackson / Larimer / N & Ne Grand / Nw Boulder Counties Above 9000 Feet - Larimer & Boulder Counties Between 6000 & 9000 Feet - Jefferson & W Douglas Counties Above 6000 Feet / Gilpin / Clear Creek / Ne Park Counties Below 9000 Feet - C & Se Park County - Larimer County Below 6000 Feet / Nw Weld County - Boulder & Jefferson Counties Below 6000 Feet / W Broomfield County - N Douglas County Below 6000 Feet / Denver / W Adams & Arapahoe Counties / E Broomfield County - Ne Weld County - C & S Weld County - Morgan County - Logan County

10	0500MST	0	0	Winter Storm
11	1700MST			

**COZ041-045>047-049** Elbert / C & E Douglas Counties Above 6000 Feet - C & E Adams & Arapahoe Counties - N & Ne Elbert County Below 6000 Feet / N Lincoln County - Se Elbert County Below 6000 Feet / South Lincoln County - Washington County

10	0500MST	0	0	Blizzard
11	1700MST			

## April 10-11, 2005 Storm Total Snowfall



Data Courtesy of CoCoRaHS and NWS COOP, CAST, and volunteer observers

A potent spring storm brought blizzard conditions areas east of Denver and south of Interstate 76, with near blizzard conditions reported elsewhere. The combination of heavy snow and strong wind forced the closure of Denver International Airport, stranding thousands of travelers. Large stretches of Interstates 25, 70 and 76 were also closed due to extensive blowing and drifting snow. Snow amounts ranged from 1 to 2.5 feet in and near Front Range Foothills and Palmer Divide, with snow drifts from 2 to 5 feet in depth. Downed power lines caused scattered electrical outages.

In the Front Range Foothills and Palmer Divide: Storm totals included: 31 inches, 4 miles west northwest of Conifer, 27.5 inches at Aspen Springs, 25.5 inches, 5 miles south-southeast of Sedalia and 3 miles north of Blackhawk, 25 inches, 3 miles southwest of Bergen Park and around Genesee, 24.5 inches at Pine Junction and Roxborough Park, 24 inches, 7 miles southwest of Boulder, 23.5 inches at Ken Caryl, 23 inches at Crow Hill and 7 miles west of Larkspur, 4 miles south of Evergreen and 4 miles northeast of Nederland, 20.5 inches, 18.5 inches, 8 miles south of Sedalia, 18 inches at Eldorado Springs and 3 miles northeast of Castle Rock, 17 inches, 3 miles north of Chatfield Reservoir and Perry Park, 16 inches, 3 miles west of Jamestown, with 14 inches at Lone Tree.

Across the remainder of the Urban Corridor and Northeast Plains storm totals included: 25 inches, 2 miles southwest of Golden, 23 inches near Strasburg, 22.5 inches in Aurora, 22 inches at Bennett, 21 inches at Eldora Ski Area, 20.5 inches, 2 miles southwest of Byers, 20 inches, 2 miles northwest of Arapahoe Park, Centennial and South Denver, 19 inches, 7 miles northwest of Last Chance, 17.5 inches, 4 miles southeast of Bennett, 16 inches, 5 miles northeast of Thornton, 15 inches at Lakewood and Wiggins, 14.5 inches, 2 miles southeast of Englewood and Wheat Ridge, 14 inches in Arvada, 13.5 inches at Platteville, with 6 to 12 inches elsewhere.

<b>Douglas County</b>					
1 E Castle Rock	19	1410MST	0	0	Hail(0.88)
<b>Elbert County</b>					
Elizabeth	19	1447MST	0	0	Hail(0.75)

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Number of Persons Injured	Estimated Damage Property Crops	Character of Storm
<b><u>COLORADO, Central and Northeast</u></b>								
<b>Logan County</b>								
7 NE Sterling	19	1448MST 1456MST	0.1	50	0	0		Tornado (F0)
A tornado touched down briefly but did no damage.								
<b>Elbert County</b>								
Elizabeth	19	1500MST			0	0		Hail(0.75)
<b>Logan County</b>								
Sterling	19	1504MST			0	0		Hail(2.00)
<b>Logan County</b>								
10 N Sterling	19	1520MST			0	0		Hail(1.75)
<b>Jefferson County</b>								
2 ESE Golden	19	1530MST			0	0		Hail(0.75)
<b>Logan County</b>								
Crook	19	1532MST			0	0		Hail(1.75)
<b>Jefferson County</b>								
5 WSW Arvada	19	1537MST			0	0		Hail(0.75)
<b>Jefferson County</b>								
Arvada	19	1539MST			0	0		Hail(1.75)
<b>Logan County</b>								
Padroni	19	1539MST			0	0		Hail(2.75)
<b>Jefferson County</b>								
5 SE Golden	19	1542MST			0	0		Hail(0.75)
<b>Jefferson County</b>								
Arvada	19	1545MST 1550MST			0	0		Hail(1.25)
<b>Adams County</b>								
1 E Brighton	19	1547MST			0	0		Hail(0.88)
<b>Jefferson County</b>								
Arvada	19	1556MST			0	0		Hail(0.75)
<b>Adams County</b>								
Westminster	19	1557MST 1602MST			0	0		Hail(1.00)
<b>Broomfield County</b>								
Broomfield	19	1605MST			0	0		Hail(0.75)
<b>Adams County</b>								
Northglenn	19	1608MST			0	0		Hail(1.00)
<b>Adams County</b>								
Thornton	19	1610MST			0	0		Hail(0.75)
<b>Adams County</b>								
Thornton	19	1613MST			0	0		Hail(0.75)
<b>Adams County</b>								
12 ENE Brighton	19	1615MST			0	0		Hail(0.75)
<b>Adams County</b>								
Thornton	19	1615MST			0	0		Hail(1.00)
<b>Jefferson County</b>								
Arvada	19	1615MST			0	0		Hail(1.00)
<b>Adams County</b>								
3 NNW Barr Lake	19	1637MST			0	0		Hail(0.88)

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b><u>COLORADO, Central and Northeast</u></b>									
Weld County									
1 S Carr	19	1645MST			0	0			Hail(1.00)
Weld County									
7 SE Ft Lupton	19	1645MST			0	0			Hail(0.75)
Weld County									
2 SSE Hudson	19	1659MST			0	0			Hail(0.75)
Weld County									
16 E Nunn	19	1700MST			0	0			Hail(0.75)
Weld County									
5 SE Roggen	19	1720MST			0	0			Hail(0.75)
Weld County									
8 SE Roggen	19	1727MST			0	0			Hail(0.75)
Weld County									
5 S Briggsdale	19	1732MST			0	0			Hail(0.75)
Weld County									
10 S Briggsdale	19	1732MST			0	0			Hail(1.00)
Weld County									
8 NE Briggsdale	19	1740MST			0	0			Hail(1.25)
Weld County									
12 NE Greeley	19	1744MST			0	0			Hail(0.75)
Elbert County									
1 S Agate	19	1751MST			0	0			Hail(1.75)
Morgan County									
2 NNE Weldona	19	1806MST			0	0			Hail(1.75)
Morgan County									
4 NE Weldona	19	1837MST			0	0			Hail(1.00)
Larimer County									
Ft Collins	19	2000MST			0	0			Lightning
Lightning struck a residence after hitting a tree. Much of the electrical wiring around the house was scorched after the bolt travelled into the fuse box.									
Larimer County									
3 W Ft Collins	19	2005MST			0	0			Hail(1.00)
Larimer County									
6 N Wellington	19	2031MST			0	0			Hail(0.75)
Adams County									
6 S Brighton	20	1610MST			0	0			Hail(0.75)
Adams County									
4 S Strasburg	20	1640MST			0	0			Hail(1.00)
Jefferson County									
5 SSW Lakewood	20	1640MST			0	0			Hail(1.00)
Elbert County									
11 NNE Elizabeth	20	1651MST			0	0			Hail(0.75)
Arapahoe County									
5 SW Byers	20	1702MST			0	0			Hail(1.00)
Adams County									
Strasburg	20	1710MST			0	0			Hail(0.75)
Adams County									
10 E Bennett	20	1719MST			0	0			Hail(1.00)

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b><u>COLORADO, Central and Northeast</u></b>									
Arapahoe County 6 WSW Byers	20	1725MST			0	0			Hail(1.00)
Arapahoe County Byers	20	1725MST			0	0			Hail(1.00)
Arapahoe County 2 SSE Byers	20	1747MST			0	0			Hail(0.75)
Elbert County 13 NE Agate	20	1750MST			0	0			Hail(0.88)
Arapahoe County Deer Trail	20	1803MST			0	0			Hail(0.75)
Weld County 7 SE Ft Lupton	20	1804MST			0	0			Hail(0.75)
Arapahoe County 1 S Deer Trail	20	1806MST			0	0			Hail(1.75)
Elbert County 12 NE Kiowa	20	1821MST			0	0			Hail(1.00)
Jefferson County 4 SW Golden	20	1822MST			0	0			Hail(0.75)
Denver County Denver Intl Arpt	20	1824MST			0	0			Hail(1.75)
Jefferson County Golden	20	1825MST			0	0			Hail(0.75)
Weld County 5 NE Hudson	20	1830MST			0	0			Hail(0.75)
Weld County 2 N Keenesburg	20	1833MST			0	0			Hail(0.75)
Adams County 2 NNW Barr Lake	20	1842MST			0	0			Hail(0.75)
Adams County 37 ENE Bennett	20	1846MST 1852MST			0	0			Hail(1.00)
Elbert County 14 NE Kiowa	20	1858MST			0	0			Hail(0.75)
Washington County 6 NNW Last Chance	20	1858MST			0	0			Hail(1.00)
Washington County 8 N Last Chance	20	1904MST			0	0			Hail(1.75)
Washington County 5 NE Last Chance	20	1907MST			0	0			Hail(1.75)
Washington County 11 N Last Chance	20	1908MST			0	0			Hail(1.00)
Washington County 3 S Woodrow	20	1912MST			0	0			Hail(1.75)
Washington County 3 N Last Chance	20	1916MST			0	0			Hail(1.00)
Adams County 10 NNW Bennett	20	1920MST			0	0			Hail(0.75)



# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## COLORADO, Central and Northeast

### **Morgan County**

21 SE Ft Morgan 20 1920MST 0 0 Hail(1.50)

### **Washington County**

7 N Lindon 20 1925MST 0 0 Hail(1.00)

### **Washington County**

11 WSW Elba 20 1928MST 0 0 Hail(1.75)

### **Washington County**

18 S Akron 20 1938MST 0 0 Hail(1.75)

### **Washington County**

9 SSW Akron 20 1950MST 0 0 Hail(0.75)

### **Washington County**

10 E Elba 20 1950MST 0 0 Hail(1.25)

### **Washington County**

3 NW Elba 20 1952MST 0 0 Hail(1.25)

### **Washington County**

11 SE Akron 20 1957MST 0 0 Hail(0.75)

### **Washington County**

6 SE Akron 20 1958MST 0 0 Hail(0.75)

### **Washington County**

34 E Woodrow 20 2006MST 0 0 Hail(4.25)

### **Washington County**

9 S Otis 20 2012MST 0 0 Hail(1.75)

### **Washington County**

6 ESE Otis 20 2017MST 0 0 Hail(0.75)

### **Washington County**

14 S Otis 20 2023MST 0 0 Hail(2.00)

### **Washington County**

8 E Last Chance 20 2045MST 0 0 Hail(1.00)

### **Phillips County**

14 SE Holyoke 20 2209MST 0 0 Hail(0.75)

### **Logan County**

Crook 21 0027MST 0 0 Thunderstorm Wind (G62)

### **COZ031-034>037**

West Jackson & West Grand Counties Above 9000 Feet - S & Se Grand / W Central & Sw Boulder / Gilpin / Clear Creek / Summit / N & W Park Counties Above 9000 Feet - Larimer & Boulder Counties Between 6000 & 9000 Feet - Jefferson & W Douglas Counties Above 6000 Feet / Gilpin / Clear Creek / Ne Park Counties Below 9000 Feet - C & Se Park County

24 1100MST 0 0 0 Winter Storm  
25 0700MST

A winter-like storm brought heavy snow to parts of the North-Central Mountains, Front Range Foothills and South Park. Storm totals included: 16.5 inches at Echo Lake, 14 inches at Berthoud SNOTEL, 8 miles north of Blackhawk and 3 miles southeast of Pinecliffe, 13.5 inches, 8 miles northwest of Evergreen, 12 inches at Arrow SNOTEL, 4 miles west-northwest of Conifer, Lake Eldora and Winter Park, 11.5 inches, 3 miles north of Blackhawk, 11 inches, 4 miles west-northwest of Eldorado Springs, 10.5 inches at Jackwhacker Gulch, Pine Junction and Tower SNOTEL, 10 inches at Hoosier Pass, Lake George, 4 miles east of Masonville and Rollinsville.

### **COZ032>033-035-038**

Grand & Summit Counties Below 9000 Feet - S & E Jackson / Larimer / N & Ne Grand / Nw Boulder Counties Above 9000 Feet - Larimer & Boulder Counties Between 6000 & 9000 Feet - Larimer County Below 6000 Feet / Nw Weld County

28 0700MST 0 0 0 Winter Storm  
29 0900MST

Bands of heavy snow fell in the mountains and foothills, mainly north of Interstate 70. Storm totals included: 24.5 inches, 3 miles west of Jamestown, 19 inches, 3 miles north of Allenspark, 17.5 inches at Estes Park, 17 inches, 4 miles south-southwest of Estes Park and 4 miles east-northeast of Nederland, 15 inches, 5 miles north of Tabernash, 13 inches at Buckhorn Mountain, 7 miles north of Glen Haven, 10 inches at Hourglass Reservoir, 4 miles east of Masonville and Rollinsville

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b><u>COLORADO, East Central</u></b>									
<b>COZ090&gt;092</b>	<b>Yuma County - Kit Carson County - Cheyenne County</b>								
	<b>05</b>	<b>1000MST 1500MST</b>			<b>0</b>	<b>0</b>			<b>High Wind (G52)</b>
	Strong gradient surface winds resulted in widespread areas of wind 40 mph gusting at times to 55 to 60 mph with minor damage to antennas and tree limbs.								
<b>COZ091&gt;092</b>	<b>Kit Carson County - Cheyenne County</b>								
	<b>10</b>	<b>1400MST 2000MST</b>			<b>0</b>	<b>0</b>			<b>Blizzard</b>
	Four to six inches of snow fell in western portions of Kit Carson and Cheyenne counties. Winds over 30 mph resulted in blowing and drifting snow and visibility reduced to below 1/4 mile. Interstate 70 through Kit Carson County was closed for much of the day from Burlington to Denver as locations further west reported snow drifts several feet deep along E-W roadways and poor visibility.								
<b>Cheyenne County</b>									
<b>11 N Wild Horse</b>	<b>17</b>	<b>1544MST</b>			<b>0</b>	<b>0</b>			<b>Hail(0.88)</b>
<b>Yuma County</b>									
<b>9 S Yuma to 2 E Yuma</b>	<b>20</b>	<b>2020MST 2045MST</b>			<b>0</b>	<b>0</b>			<b>Hail(4.00)</b>
	Numerous hail reports between 1.00 and 2.00 inches in diameter were received, with the largest hailstone of 4.00 inches reported as a short line of thunderstorms moved across the northern portion of Yuma County. Two car dealerships in Yuma reported hail damage, and at least one residence reported hail breaking the skylight in their home.								
<b>Yuma County</b>									
<b>3 N Yuma</b>	<b>20</b>	<b>2045MST</b>			<b>0</b>	<b>0</b>			<b>Hail(0.75)</b>
<b>Yuma County</b>									
<b>6 SSW Eckley</b>	<b>20</b>	<b>2047MST</b>			<b>0</b>	<b>0</b>			<b>Hail(1.00)</b>
<b>Yuma County</b>									
<b>4 N Eckley</b>	<b>20</b>	<b>2053MST</b>			<b>0</b>	<b>0</b>			<b>Hail(1.00)</b>
<b>Yuma County</b>									
<b>Eckley</b>	<b>20</b>	<b>2055MST</b>			<b>0</b>	<b>0</b>			<b>Hail(1.00)</b>
<b>Yuma County</b>									
<b>7 W Wray to 7 N Wray</b>	<b>20</b>	<b>2100MST 2110MST</b>			<b>0</b>	<b>0</b>			<b>Hail(2.75)</b>
	Numerous reports of large hail were received from areas west and north of Wray, Colorado as a line of severe storms moved across Yuma County. Four hail reports of 2.00 to 2.75 inches in diameter were reported along with other reports of hail between 1.00 and 2.00 inches in diameter.								
<b>Yuma County</b>									
<b>9 S Eckley</b>	<b>20</b>	<b>2107MST</b>			<b>0</b>	<b>0</b>			<b>Hail(0.75)</b>
<b>Yuma County</b>									
<b>4 SE Clarkville</b>	<b>20</b>	<b>2120MST</b>			<b>0</b>	<b>0</b>			<b>Hail(1.00)</b>
<b>Yuma County</b>									
<b>20 NNE Wray</b>	<b>20</b>	<b>2130MST</b>			<b>0</b>	<b>0</b>			<b>Hail(2.75)</b>
<b>Yuma County</b>									
<b>10 S Wray</b>	<b>20</b>	<b>2137MST</b>			<b>0</b>	<b>0</b>			<b>Hail(1.00)</b>
<b>Yuma County</b>									
<b>8 SSE Wray</b>	<b>20</b>	<b>2140MST</b>			<b>0</b>	<b>0</b>			<b>Hail(1.75)</b>
<b>Yuma County</b>									
<b>2 E Wray to 1 N Wray</b>	<b>20</b>	<b>2144MST 2145MST</b>			<b>0</b>	<b>0</b>			<b>Hail(1.75)</b>
	Several reports of hail between nickel and golfball size were reported in and around Wray at 10:45 pm MDT.								
<b>Kit Carson County</b>									
<b>Stratton</b>	<b>27</b>	<b>1645MST</b>			<b>0</b>	<b>0</b>			<b>Hail(0.75)</b>
<b>Kit Carson County</b>									
<b>Vona to Stratton</b>	<b>27</b>	<b>1645MST</b>			<b>0</b>	<b>0</b>			<b>Thunderstorm Wind (G50)</b>
	Six traffic accidents occurred on Interstate 70 in Kit Carson County, Colorado between Vona and Stratton from 5:45 pm MDT to 6:00 pm MDT. Accidents were caused by strong thunderstorm outflow and rapidly reduced visibility in outflow winds								

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## COLORADO, East Central

### **Kit Carson County**

17 S Burlington 27 1750MST 0 0 Hail(0.88)

### **Cheyenne County**

13 N Arapahoe 27 1820MST 0 0 Hail(0.75)

### **Cheyenne County**

2 W Cheyenne Wells 27 1904MST 0 0 Hail(1.00)

## COLORADO, South Central and Southeast

**COZ085>086-089-093-095>099** Colorado Springs Vicinity / Southern El Paso County / Rampart Range Below 7500 Ft - Pueblo Vicinity / Pueblo County Below 6300 Ft - Crowley County - La Junta Vicinity / Otero County - Western Kiowa County - Eastern Kiowa County - Bent County - Lamar Vicinity / Prowers County - Springfield Vicinity / Baca County

05 0600MST 1700MST 0 0 High Wind (G63)

Damaging winds caused by a strong surface low pressure system over southeast Colorado and southwest Kansas impacted southeast Colorado causing fences, power lines and large tree limbs to be taken down. Power lines brought down in the La Junta area, and specifically near the airport, caused the airport to be closed for around a day. Some of the higher gradient wind gusts include 58 mph at both Springfield and Sheridan Lake...60 mph wind gusts at Las Animas...61 mph wind gusts at Lamar...72 mph wind gusts at Manzanola and 76 mph wind gusts observed 4 miles to the north-northeast of La Junta.

**COZ084-094**

**Northern El Paso County / Monument Ridge / Rampart Range Below 7500 Ft - Eastern Las Animas County**

05 0700MST 1800MST 0 0 250K Blizzard

Blizzard conditions caused by a strong surface low pressure system over southeast Colorado and southwest Kansas impacted southeast Colorado causing snow drifts several feet in depth in some areas as well as closed roads. In northern El Paso County, winds gusting over 70 mph brought down 113 power poles carrying 230,000 volts on a line which runs from Colorado Springs to Limon. All told, almost 200 power poles were brought down in northern El Paso County, causing around 600 eastern county residents to lose power from highway 94 north. Power substations were also knocked out. Some of the higher snow totals...which also included sustained winds in excess of 40 mph as well as visibilities below 1/4 mile at times included 8 to 14 inches in northern El Paso County in and around the Black Forest and 12 inches near Branson in southern Las Animas County.

**COZ081>082**

**Teller County / Rampart Range Above 7500 Ft / Pikes Peak Between 7500 & 11000 Ft - Pikes Peak Above 11000 Ft**

05 0700MST 1700MST 0 0 Winter Storm

A winter storm brought gusty winds and heavy snow to the west side of El Paso County and Teller County. Many areas saw in excess of 8 inches of snow with blowing a drifting snow with winds gusting to over 40 mph...especially atop Pikes Peak

**COZ072>088-094**

**Northern Sangre De Cristo Mountains Between 8500 & 11000 Ft - Northern Sangre De Cristo Mountains Above 11000 Ft - Southern Sangre De Cristo Mountains Between 7500 & 11000 Ft - Southern Sangre De Cristo Mountains Above 11000 Ft - Northwest Fremont County Above 8500 Ft - West / Central Fremont County Below 8500 Ft - Westcliffe Vicinity / Wet Mountain Valley Below 8500 Ft - Wet Mountains Between 8500 And 10000 Ft - Wet Mountains Above 10000 Ft - Teller County / Rampart Range Above 7500 Ft / Pikes Peak Between 7500 & 11000 Ft - Pikes Peak Above 11000 Ft - Canon City Vicinity / Eastern Fremont County - Northern El Paso County / Monument Ridge / Rampart Range Below 7500 Ft - Colorado Springs Vicinity / Southern El Paso County / Rampart Range Below 7500 Ft - Pueblo Vicinity / Pueblo County Below 6300 Ft - Walsenburg Vicinity / Upper Huerfano River Basin Below 7500 Ft - Trinidad Vicinity / Lower Huerfano River Basin & Western Las Animas County Below 7500 Ft - Eastern Las Animas County**

10 0400MST 2330MST 0 0 Blizzard

A powerful early spring blizzard caused snow drifts up to 8 feet as well as closed schools...businesses and roads...including large sections of I-25 in southern Colorado. Travelers were stranded at highways and airports until the storm subsided. Some of the higher snow totals follow...please note that wind gusts up to 50 mph at times along with visibilities under 1/4 mile accompanied several of these snow totals. 7 inches of snow was noted at Thatcher and 4 miles to the northwest of Trinidad in Las Animas County...12 to 14 inches of snow occurred at Divide...Woodland Park...Black Forest...Beulah and 11 miles to the north-northeast of the Air Force Academy...18 to 20 inches of snow was measured at Colorado City...Monument and 6 miles to the north-northeast of downtown Colorado Springs...22 to 24 inches of snow covered the communities of Cuchara...La Veta and Rye...28 inches of snow visited Walsenburg...while 36 inches of snow fell approximately 18 miles to the southeast of Westcliffe. Finally...the region around Rosita was inundated with up to 48 inches of snow.

### **Baca County**

10 NW Campo 10 1144MST 1150MST 0 0 Hail(1.50)

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Persons Injured	Estimated Damage Property	Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------	--------------------	---------------------------------	-------	--------------------

## COLORADO, South Central and Southeast

### Baca County

4 SE Springfield 10 1223MST 1228MST 0 0 Hail(0.75)

### Conejos County

1 S Manassa 15 1130MST 1132MST 0.5 50 0 0 Tornado (F0)  
A brief tornado caused no known damage.

### Conejos County

1 S Manassa 17 1245MST 1247MST 0.5 50 0 0 Tornado (F0)  
A brief tornado caused no known damage.

### Baca County

6 S Two Buttes 17 1519MST 1525MST 0 0 Hail(0.88)

### Kiowa County

4 NE Eads 17 1525MST 1530MST 0 0 Hail(0.88)

### Saguache County

1 E Crestone 24 1600MST 1602MST 0.5 75 0 0 Tornado (F0)

A funnel cloud moved onto the western slopes of the Sangre de Cristo mountains near Crestone. As the terrain intercepted the funnel cloud...it became a tornado on the mountainside for a brief time causing some minor tree damage.

### COZ069-078>079

Del Norte Vicinity / Northern San Luis Valley Below 8500 Ft - Westcliffe Vicinity / Wet Mountain Valley Below 8500 Ft - Wet Mountains Between 8500 And 10000 Ft

24 1700MST 0 0 Heavy Snow  
25 0900MST

A weather system produced localized areas of heavy snow in southern Colorado. Some of the heavier snow totals include 7 inches at Crestone in Saguache County as well as 7 to 15 inches of snow in eastern Custer County...including Rosita.

## COLORADO, West

### COZ001>014-017>023

Lower Yampa River Basin - Central Yampa River Basin - Roan And Tavaputs Plateaus - Elkhead And Park Mountains - Upper Yampa River Basin - Grand Valley - Debeque To Silt Corridor - Central Colorado River Basin - Grand And Battlement Mesas - Gore And Elk Mountains/Central Mountain Valleys - Central Gunnison And Uncompahgre River Basin - West Elk And Sawatch Mountains - Flattop Mountains - Upper Gunnison River Valley - Uncompahgre Plateau And Dallas Divide - Northwestern San Juan Mountains - Southwestern San Juan Mountains - Paradox Valley / Lower Dolores River Basin - Four Corners / Upper Dolores River Basin - Animas River Basin - San Juan River Basin

01 0000MST 0 0 Drought  
30 2359MST

Several spring storms affected western Colorado during the month and produced mountain snow and lower elevation rain and snow. These conditions continued the improving trend of the drought situation across the area with mountain snowpack remaining above normal across much of the area. Only extreme northwest Colorado remained in the moderate to severe drought categories while the rest of western Colorado was generally characterized by abnormally dry conditions. Although drought conditions have been improving, there remains concern for water supply both above and below ground. Please see the May 2005 Storm Data Publication for a continuation on this drought situation.

### COZ006

#### Grand Valley

01 0030MST 0 0 100K Frost/Freeze  
0800MST

After the start of the growing season, an unseasonably cold airmass resulted in a hard freeze across the Grand Valley. Minimum temperatures ranged from 18 to 30 degrees. The dollar loss for the orchards is an estimate based on anticipated yields.

### COZ009

#### Grand And Battlement Mesas

01 1050MST 1 0 Avalanche  
1052MST

A backcountry skier triggered an avalanche at about 10,560 feet above sea level on the Grand Mesa while ascending a slope. The skier was swept over some rocks and down into some trees. His companion notified 911 dispatch of the incident. CDOT employees and Mesa County Search and Rescue responded and found the victim about 2 hours after he was buried. The victim was not equipped with an avalanche rescue beacon and apparently died of asphyxiation. M270U

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b><u>COLORADO, West</u></b>									
<b>COZ003&gt;004-009&gt;010-012&gt;013-018&gt;019</b>	<b>Roan And Tavaputs Plateaus - Elkhead And Park Mountains - Grand And Battlement Mesas - Gore And Elk Mountains/Central Mountain Valleys - West Elk And Sawatch Mountains - Flattop Mountains - Northwestern San Juan Mountains - Southwestern San Juan Mountains</b>								
	04	0800MST			0	0			Winter Weather/Mix
	05	1600MST							
A strong Pacific cold front moved through western Colorado and dumped 3 to 12 inches of snow across the mountains. Additionally, frequent wind gusts of 30 to 40 mph buffeted the mountains and caused blowing and drifting snow.									
<b>COZ006</b>	<b>Grand Valley</b>								
	06	0100MST			0	0			Frost/Freeze
		0900MST							
Minimum temperatures from 25 to 31 degrees occurred across the Grand Valley.									
<b>COZ018&gt;019</b>	<b>Northwestern San Juan Mountains - Southwestern San Juan Mountains</b>								
	07	1800MST			0	0			Winter Weather/Mix
	08	1800MST							
A quick moving spring storm produced around 5 inches of snow across the San Juan Mountains.									
<b>COZ020</b>	<b>Paradox Valley / Lower Dolores River Basin</b>								
	08	0525MST			0	0	17K		Strong Wind
		0530MST							
Strong winds up to 60 mph caused major damage to an airplane hanger at the Nucla Airport. A portion of the roof, the door, and one wall of the hanger were severely damaged. An adjacent hanger rendered some damage when one of the walls of the heavily damaged hanger was lifted. Debris from the hanger was blown about 600 yards away. Damage to other structures at the airport included a broken window, shingles torn from roofs, and bent doors.									
<b>COZ022</b>	<b>Animas River Basin</b>								
	08	1030MST			0	0	4K		Strong Wind
		1200MST							
Strong wind gusts of 45 mph caused minor damage to trees and structures 8 miles southeast of Durango.									
<b>COZ004&gt;005</b>	<b>Elkhead And Park Mountains - Upper Yampa River Basin</b>								
	08	1100MST			0	0	32K		Strong Wind
		1400MST							
Strong winds buffeted the upper Yampa River Basin and surrounding mountains knocking down power lines and causing widespread power outages. Power outages occurred from the Wyoming border to Bond. In Steamboat Springs, sheet metal had blown into a power line, trees blew over and knocked down some power lines, and lines were downed near Soda Creek Elementary School. Power lines were also downed near the town of Stagecoach. Two vehicles were crushed by falling trees in Steamboat Springs. At the Steamboat Springs Ski Area the gondola and ski lifts had to be shut down, stranding 50 to 70 people until they could be brought off the mountain via Snow Cats.									
<b>COZ002</b>	<b>Central Yampa River Basin</b>								
	08	1100MST			0	0	200K		Strong Wind
		1400MST							
Strong gradient winds produced widespread damage in eastern Moffat County. A 60 foot communications tower was blown down and microwave dishes and antennas were blown off other communications towers. Utility poles and trees were blown down, and large tree limbs were snapped off. Electric power was knocked out for a few hours in many areas, and even longer in a some isolated locations. Several campers and trailers were rolled over, and several sheds were blown over. Shingles were blown off roofs. Many unsecured items blew away and were not found.									
<b>Moffat County</b>									
15 W Hiawatha	08	1200MST			0	0			Hail(0.88)
		1205MST							
<b>Routt County</b>									
1 SE Steamboat Spgs	08	1320MST			0	0			Thunderstorm Wind (G63)
<b>COZ003-009&gt;010-012&gt;013-017&gt;019</b>	<b>Roan And Tavaputs Plateaus - Grand And Battlement Mesas - Gore And Elk Mountains/Central Mountain Valleys - West Elk And Sawatch Mountains - Flattop Mountains - Uncompahgre Plateau And Dallas Divide - Northwestern San Juan Mountains - Southwestern San Juan Mountains</b>								
	09	0800MST			0	0			Winter Weather/Mix
	10	2300MST							
A vigorous spring storm system produced snowfall of 4 to 14 inches across the mountains of western Colorado. Wind speeds reached 40 to 50 mph across much of the ridge tops and exposed high elevations causing blowing and drifting snow. The highest wind speed recorded was 91 mph at the top of the Silverton Mountain Ski Area.									

# Storm Data and Unusual Weather Phenomena

April 2005

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Property Damage	Crops	Character of Storm
<b><u>COLORADO, West</u></b>									
<b>COZ022</b>	<b>Animas River Basin</b>								
	<b>09</b>	<b>1115MST 1150MST</b>			<b>0</b>	<b>0</b>	<b>0.10K</b>		<b>Strong Wind</b>
	Strong winds downed a speed limit sign by breaking the 4 inch by 4 inch wooden post to which the sign was attached.								
<b>COZ006</b>	<b>Grand Valley</b>								
	<b>11</b>	<b>0100MST 0900MST</b>			<b>0</b>	<b>0</b>			<b>Frost/Freeze</b>
	Minimum temperatures ranged from 25 to 32 degrees across the Grand Valley.								
<b>COZ022</b>	<b>Animas River Basin</b>								
	<b>15 20</b>	<b>0000MST 1200MST</b>			<b>0</b>	<b>0</b>	<b>10K</b>		<b>Flood</b>
	Rapid melting of a heavy snowpack resulted in flooding along rivers and streams at various locations in La Plata County. Flooding of low lying areas along the Florida River, including driveways and lawns, occurred in the vicinity of County Road 248, about 6 miles northeast of Durango. Red Creek also exceeded its banks and flooded County Road 501, making the road impassable about 10 miles north of Bayfield. Additionally, minor flooding occurred in the Florida Estates area, along Mud Springs Creek, and also south of Vallecito Reservoir along Bear Creek.								
<b>La Plata County</b>									
<b>6 N Bayfield</b>	<b>15</b>	<b>0700MST 1000MST</b>			<b>0</b>	<b>0</b>	<b>20K</b>		<b>Flash Flood</b>
	Total failure of a dam on Bear Creek washed out a private road.								
<b>COZ019</b>	<b>Southwestern San Juan Mountains</b>								
	<b>15</b>	<b>1600MST 1800MST</b>			<b>0</b>	<b>0</b>			<b>Avalanche</b>
	Warm weather resulted in an unstable snowpack which caused a series of avalanches along Highway 550 near Molas Pass and Red Mountain Pass. The largest of the slides was 300 feet wide and 12 feet deep. The highway was closed for 4 hours near Molas Pass and 3 hours on Red Mountain Pass while debris was cleared.								
<b>COZ019</b>	<b>Southwestern San Juan Mountains</b>								
	<b>16</b>	<b>1408MST 1413MST</b>			<b>0</b>	<b>0</b>			<b>Avalanche</b>
	An avalanche 120 feet wide and 3 feet deep occurred along Highway 550 near Red Mountain Pass. Highway 550 was closed for about 2 and 1/2 hours while debris was cleared.								
<b>COZ012</b>	<b>West Elk And Sawatch Mountains</b>								
	<b>17</b>	<b>1535MST 1540MST</b>			<b>0</b>	<b>0</b>			<b>Landslide</b>
	A mudslide occurred along Highway 133 near Mile Marker 28 west of Paonia Reservoir, disrupting the flow of traffic.								
<b>COZ014</b>	<b>Upper Gunnison River Valley</b>								
	<b>17</b>	<b>1600MST 1615MST</b>			<b>0</b>	<b>0</b>			<b>Landslide</b>
	A mudslide flowed across Highway 50, about 3 miles west-southwest of Sapinero, covering the road about 8 inches deep. The driver of a pickup plowed into the mud and lost control, causing his vehicle to flip and roll three times. Only minor injuries were reported to the lone occupant of the pickup.								
<b>COZ004-009&gt;010-012&gt;013-018&gt;019</b>	<b>Elkhead And Park Mountains - Grand And Battlement Mesas - Gore And Elk Mountains/Central Mountain Valleys - West Elk And Sawatch Mountains - Flattop Mountains - Northwestern San Juan Mountains - Southwestern San Juan Mountains</b>								
	<b>24 25</b>	<b>0000MST 1400MST</b>			<b>0</b>	<b>0</b>			<b>Winter Weather/Mix</b>
	A spring storm dumped widespread snowfall amounts of 5 to 14 inches across most of the mountains in western Colorado. Areas of the Southwest San Juan Mountains received up to 20 inches of snow.								
<b>Mesa County</b>									
<b>Fruita</b>	<b>24</b>	<b>1730MST 1750MST</b>			<b>0</b>	<b>0</b>			<b>Heavy Rain</b>
	A thunderstorm produced heavy rain and pea-sized hail which caused street flooding in Fruita.								
<b>COZ004</b>	<b>Elkhead And Park Mountains</b>								
	<b>27 29</b>	<b>0600MST 1200MST</b>			<b>0</b>	<b>0</b>			<b>Winter Storm</b>
	A spring storm system produced heavy snow across the Elkhead and Park Mountains of northwest Colorado. SNOTEL and CDOT data indicated snowfall amounts of 9 inches to 2 feet across the area.								

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## COLORADO, West

COZ005-009>010-012>013-018>019	Upper Yampa River Basin - Grand And Battlement Mesas - Gore And Elk Mountains/Central Mountain Valleys - West Elk And Sawatch Mountains - Flattop Mountains - Northwestern San Juan Mountains - Southwestern San Juan Mountains								
	27 29	0800MST 1200MST			0	0			Winter Weather/Mix
A spring storm system produced 5 to 17 inches of snow across most mountains of western Colorado, as well as the Steamboat Springs area. Local snowfall amounts up to 2 feet occurred across the Flat Top Mountains. Strong winds buffeted the high elevations. Wind gusts up to 51 mph were recorded at Red Mountain Pass and the Silverton Mountain Ski Area in the San Juan Mountains.									
COZ019	Southwestern San Juan Mountains								
	28	0900MST 0902MST			0	0			Avalanche
An avalanche occurred on the east side of Grand Turk Mountain and swept one person about 100 feet down the slope. The person was able to get to the side of the slide and avoid injury before it entered a rocky slot. The avalanche was 300 feet wide and ran 800 to 900 feet.									
COZ002	Central Yampa River Basin								
	29	0000MST 0800MST			0	0			Winter Weather/Mix
A spring storm system produced 4 to 6 inches of snow across the Central Yampa River Basin.									
COZ004-009>010-012>013	Elkhead And Park Mountains - Grand And Battlement Mesas - Gore And Elk Mountains/Central Mountain Valleys - West Elk And Sawatch Mountains - Flattop Mountains								
	30	0400MST 1800MST			0	0			Winter Weather/Mix
A spring storm produced 3 to 9 inches of snow across the northern and central mountains of western Colorado. Local amounts up to 15 inches fell in the Elkhead Mountains.									

## CONNECTICUT, Northeast

## CONNECTICUT, Northwest

## CONNECTICUT, Southern

Fairfield County									
Countywide	02	0400EST			0	0			Heavy Rain
	03	2300EST							
Middlesex County									
Countywide	02	0400EST			0	0			Heavy Rain
	03	2300EST							
New Haven County									
Countywide	02	0400EST			0	0			Heavy Rain
	03	2300EST							
New London County									
Countywide	02	0400EST			0	0			Heavy Rain
	03	2300EST							

A low pressure system developed in the Gulf Of Mexico and rapidly intensified as it moved north to northeast. The low passed over the Appalachian Mountains and moved slowly west of the local area Saturday and Sunday, April 2nd and 3rd. Widespread heavy rain along with embedded heavy showers and thunderstorms occurred with this system. Storm Total Rainfall amounts ranged from around 1.00 to 2.50 inches.

During March 28th and 29th, only 3 to 5 days earlier, another low dumped 1.50 to 3.50 inches of rain across the region as it moved north to northeast along the eastern seaboard. These wet antecedent conditions primed the local area for additional urban flooding with 2.50 to 6.00 inches of rain occurring in less than 5 days.

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------	---------------------------------	---------------------------------	------------------------------	--------------------

## CONNECTICUT, Southern

Heavy rain caused widespread urban flooding. Some small streams and rivers experienced significant within bank rises. In addition, high wind gusts from 35 to 57 mph, associated with heavier showers, downed many trees.

Here are selected rainfall amounts for:

Fairfield County - from 1.04 inches at Wilton to 2.70 inches at New Fairfield. At Sikorsky Airport in Bridgeport, 1.16 inches was measured.

New Haven County - from 1.20 inches at North Cheshire Wells to 1.69 inches at Tweed Airport in New Haven.

Middlesex County - from 1.08 inches at Old Saybrook to 2.20 inches at Haddam.

New London County - from 1.10 inches at Old Lyme to 2.28 inches at Bartlett Brook. At New London Airport in Groton, 1.63 inches was measured.

Here are selected peak wind gusts for:

Fairfield County - At Sikorsky Airport in Bridgeport, a peak wind gust to 36 mph was measured on April 2nd at 8:03 am.

New Haven County - Measured peak wind gusts ranged from 36 mph at Tweed Airport in New Haven to 39 mph at Oxford Airport in Oxford.

New London County - Measured peak wind gusts ranged from 38 mph at New London Airport in Groton to 57 mph at Gales Ferry on April 2nd at 9:35 pm. Spotters reported several downed trees in Voluntown, Baltic, and 20 miles north of New London mainly between 11:30 pm on April 2nd and 12:30 am on April 3rd.

### **Fairfield County Weston**

<b>28</b>	<b>1824EST</b>	<b>0</b>	<b>0</b>	<b>Thunderstorm Wind (G56)</b>
-----------	----------------	----------	----------	--------------------------------

As a shower moved east, it produced a peak wind gust to 64 mph at the Weston Middle School in Weston Connecticut.

## DELAWARE

### **DEZ001>004**

#### **New Castle - Kent - Inland Sussex - Delaware Beaches**

<b>02</b>	<b>1200EST 1700EST</b>	<b>0</b>	<b>0</b>	<b>10K</b>	<b>Strong Wind</b>
-----------	----------------------------	----------	----------	------------	--------------------

Strong southeast winds affected Delaware on the afternoon of the 2nd as the strong low pressure system continued to intensify as it moved closer to the area. As the low pressure system moved into the area, the intensification process was weakening and the proximity to the low itself caused winds to become lighter. Peak wind gusts averaged 40 to 45 mph. The combination of the winds and heavy rain made it easy to knock down shallow rooted trees, especially in New Castle County. About 2,100 homes and businesses lost power in the state, mainly in New Castle County. Peak wind gusts included 44 mph in Georgetown and 40 mph at the New Castle County Airport.

The strong winds were caused by a low pressure system that moved from the southern Gulf Coast States toward the region on the morning of the 2nd. At 7 a.m. EST on the 2nd, it was a 996 millibar low pressure system in central Virginia. From Virginia it continued to move northeast, intensified and was a 992 millibar low pressure system near Washington, D.C. at 1 p.m. EST on the 2nd, a 987 millibar low pressure system near Lancaster, Pennsylvania at 7 p.m. EST on the 2nd and a 984 millibar low pressure system near Scranton, Pennsylvania at 1 a.m. EST on the 3rd.

### **DEZ001>003**

#### **New Castle - Kent - Inland Sussex**

<b>02</b>	<b>1400EST 2000EST</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Astronomical High Tide</b>
-----------	----------------------------	----------	----------	----------	-------------------------------

Strong southeast winds and runoff from the heavy rain in the Delaware River caused minor tidal flooding at the time of the late afternoon and early evening high tide along the Delaware River and Delaware Bay. Ice breakers were submerged by the high tide along the New Castle County coast. The high tide reached 7.9 feet above mean lower low water at Reedy Island (New Castle



# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## DELAWARE

County). Minor tidal flooding begins at 7.2 feet above mean lower low water.

The minor tidal flooding was caused by the strong southeast winds preceding and accompanying the low pressure system that moved from the southern Gulf Coast States toward the region on the morning of the 2nd. At 7 a.m. EST on the 2nd, the low pressure system was in central Virginia. From Virginia it continued to move northeast, intensified as it neared Washington, D.C. at 1 p.m. EST on the 2nd, Lancaster, Pennsylvania at 7 p.m. EST on the 2nd and Scranton, Pennsylvania at 1 a.m. EST on the 3rd.

DEZ001

### New Castle

02	1709EST	0	0						Flood
03	0131EST								

Heavy rain fell across New Castle County and caused widespread poor drainage flooding on the 2nd and some stream and river flooding on the 2nd into the early part of the 3rd. Rain started late in the evening on the 1st and continued throughout the day on the 2nd. The rain fell at its heaviest during the afternoon of the 2nd. The rain tapered off to some spottier light rain or drizzle during the evening and overnight and ended during the morning on the 3rd. Storm totals averaged 2 to 3 inches. Several roads were closed within the county.

The Christina River at Coochs Bridge was above its 10.5 foot flood stage from 509 p.m. EST through 932 p.m. EST on the 2nd. It crested at 11.04 feet at 715 p.m. EST. The Red Clay Creek at Stanton was above its 15 foot flood stage from 545 p.m. EST on the 2nd through 1231 a.m. EST on the 3rd. It crested at 16.56 feet at 845 p.m. EST on the 2nd. Specific storm totals included 2.80 inches at Blackbird Hundred, 2.71 inches at Bear and 2.54 inches at the New Castle County Airport.

The flooding heavy rain was caused by a low pressure system that moved from the southern Gulf Coast States on the morning of April 1st northeast to the eastern Tennessee Valley during the evening of the 1st, to far western Virginia just after Midnight EST on the 2nd, into central Virginia at 7 a.m. EST on the 2nd, near Washington, D.C. at 1 p.m. EST on the 2nd, near Lancaster, Pennsylvania at 7 p.m. EST on the 2nd, near Scranton, Pennsylvania at 1 a.m. EST on the 3rd, over the Finger Lakes in New York at 8 a.m. EDT on the 3rd and into eastern Lake Ontario at 2 p.m. EDT on the 3rd. The strong southeast flow preceding the low pressure system was able to entrain Atlantic Ocean moisture in addition to the Gulf of Mexico moisture into the system. The flooding was exacerbated by the already wet soil conditions due to heavy rain on both March 23rd and 28th.

Sussex County  
Milford Arpt

02	2015EST	0	0			0			Lightning
----	---------	---	---	--	--	---	--	--	-----------

Sussex County  
Milford Arpt

02	2015EST	0	0						Thunderstorm Wind (G50)
----	---------	---	---	--	--	--	--	--	-------------------------

A severe thunderstorm tossed and shredded tarps from a baseball field and spread debris up to 200 feet across the field from a light pole that was struck by lightning.

DEZ003

### Inland Sussex

06	1509EST	0	0	0					Wildfire
	1700EST								

A brush fire occurred along Long Neck Road in Millsboro around 4:09 PM EDT. The area of brush on fire was located behind several homes. Firefighters quickly knocked the flames down and prevented them from spreading. Meanwhile at 4:20 PM EDT, a woods fire broke out along Conaway Road just west of Millsboro. Firefighters were able to knock down much of the blaze permitting forestry workers to come in with heavy machinery and cut a fire break, stopping the fire's progress. No injuries were reported, however a very young puppy was discovered and had inhaled a great deal of smoke. Despite the efforts of the workers at the scene, the puppy did not survive.

DEZ003

### Inland Sussex

13	1330EST	0	0	0					Wildfire
	1730EST								

Despite recent heavy rains that soaked the region, several days of steady winds have dried the top layer of the ground, making the grasses and brush perfect kindling for a fire. The fire broke out around 2:30 PM EDT on a young pine plantation for timber production along Sussex 432, known as Cross Keys Road, near Sussex 472. This area is south of Georgetown, or just west of Millsboro. More than 300 firefighters from all 21 companies in Sussex County spent nearly 4 hours on the 13th trying to tame a wind-swept wildfire, that scorched nearly 200 acres of woodlands, threatened homes and briefly trapped volunteers. Eight firefighters from Millsboro and Frankford were trapped by the fire. A total of four homes near the blaze had to be evacuated. No injuries were reported. In addition to the Sussex County units on the fire scene, several departments from Maryland responded, including Parsonsburg, Powellville, Willards and Pittsville. In addition to these units, the State Forest Service sent two brush trucks, a bulldozer with a fire plow, and two ATV's with water tanks to assist the fire companies. The fire was brought under control just after 6:30 PM EDT on the 13th.

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## DELAWARE

On April 15th, about 100 firefighters were called back to the scene as the blaze rekindled. The hot spots were extinguished, however the winds made it difficult at times. The peak wind gust on the 15th was 40 mph in Georgetown.

### DEZ001

#### New Castle

15	0955EST 1051EST	0	0	0	Wildfire
----	--------------------	---	---	---	----------

Gusty northeast winds helped fuel a fire at a Wilmington salvage yard that burned nearly 100 vehicles. The fire was reported about 10:55 AM EDT, and the flames consumed rows of flattened cars in the rear lot of the 6-acre salvage yard, located on South Market Street. No injuries were reported. The fire was declared under control at 11:51 AM EDT. The peak wind gust at the New Castle County Airport on the 15th was 32 mph and the average wind speed for the day was 15.7 mph, the third windiest day by average for April of 2005.

### DEZ002

#### Kent

17	0920EST 1700EST	0	0	0	Wildfire
----	--------------------	---	---	---	----------

A 400-acre marsh fire started about 10:20 AM EDT on Port Mahon Road east of Little Creek (east of Dover). More than 75 firefighters fought the fire, which did not endanger any life or property. Although the cause was unknown, officials said the area was not dry enough for it to start on its own. This was the second fire in this area within a one week period.

## DISTRICT OF COLUMBIA

### District Of Columbia

Central Portion	02	1120EST 1130EST	0	0	Thunderstorm Wind (G58)
-----------------	----	--------------------	---	---	-------------------------

Some large limbs and a tree down

### DCZ001

#### District Of Columbia

02	1140EST 1245EST	0	0	Flood
----	--------------------	---	---	-------

Many side roads flooded

### District Of Columbia

Central Portion	03	0310EST 0430EST	0	0	Flash Flood
-----------------	----	--------------------	---	---	-------------

Water over interstate 295 at Kenilworth avenue

A low pressure system moved from the southeast United States and into the mid-Atlantic region on April 2, 2005. This system caused significant flooding and damaging wind gusts across a large portion of Maryland, Virginia, and West Virginia.

## FLORIDA, East Central

### Okeechobee County

2 N Ft Drum	02	0937EST	0	0	10K	0	Thunderstorm Wind (G50)
-------------	----	---------	---	---	-----	---	-------------------------

Thunderstorm winds damaged an airplane hanger north of Ft. Drum.

### Lake County

Astor	07	1600EST	0	0	0	0	Hail(1.25)
-------	----	---------	---	---	---	---	------------

### Volusia County

Barberville	07	1610EST	0	0	0	0	Hail(0.75)
-------------	----	---------	---	---	---	---	------------

### Volusia County

5 SW Ormond By The Sea	07	1620EST	0	0	0	0	Hail(0.75)
------------------------	----	---------	---	---	---	---	------------

### Lake County

Fruitland Park	07	1635EST	0	0	0	0	Hail(1.00)
----------------	----	---------	---	---	---	---	------------

### Volusia County

Ormond Beach	07	1635EST	0	0	0	0	Hail(0.75)
--------------	----	---------	---	---	---	---	------------

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b><u>FLORIDA, East Central</u></b>									
Orange County									
Orlando Intl Arpt	07	1705EST			0	0	0	0	Hail(1.00)
Seminole County									
Geneva	07	1715EST			0	0	0	0	Thunderstorm Wind (G70)
Thunderstorm winds blew down trees and damaged one house.									
Seminole County									
Oviedo	07	1715EST			0	0	150K	0	Thunderstorm Wind (G70)
Thunderstorm winds blew down trees and produced minor roof damage on five homes near Pine Lake Road. Minor wind damage was also reported at Oviedo Highschool and to a service station awning. A warehouse in the area received major roof damage.									
Orange County									
4 E Orlando	07	1730EST			0	0	50K	0	Hail(2.75)
Baseball size hail fell east of Orlando damaging some cars.									
Orange County									
5 E Bithlo	07	1740EST			0	0	10K	0	Hail(2.25)
Brevard County									
Titusville	07	1800EST			0	0	0	0	Hail(1.25)
Brevard County									
3 N Cape Canaveral	07	1820EST			0	0	0	0	Thunderstorm Wind (G56)
A NASA wind tower reported a thunderstorm gust to 56 knots.									

## **FLORIDA, Extreme Southern**

## **FLORIDA, Northeastern**

Hamilton County									
3 W Jennings	07	1100EST			0	0			Thunderstorm Wind (G50)
Law enforcement reported trees down at CR-152 and CR-135.									
Marion County									
Ocala Arpt to Ocala	07	1440EST 1530EST	8	1000	0	3			Tornado (F1)

An F1 tornado touched down in the Thoroughbred Acres section of Ocala near the Ocala Airport around 1540 EDT. The tornado moved northeast across the northern section of Ocala producing sporadic F0-F1 damage. The identifiable tornado track ended near the intersection of NW 35th Street and Highway 25 on the north side of Ocala. Damage continued as straight line winds approximately 3 miles farther to the northeast. Damage along the tornado path was primarily roof failures to manufactured housing and roof damage to more substantial structures. Numerous trees were uprooted or snapped. Outside of the tornado track, damage was caused by trees fallen on homes. No fatalities were reported. There were 3 injuries reported: 1 person was in a vehicle that was crushed by a fallen tree and 2 people were lacerated. There were no life-threatening injuries reported at the time of the survey.

Below is a time line of reports received at the NWS:

0346 p EDT: General Public reported a possible tornado NW of Ocala that downed trees and damage home roofs from NW 27th to 20th Avenues and at 3680 NE 35th within a 3 mile radius.

0350 p EDT: The emergency manager said there was a possible tornado touchdown with roof damage to a warehouse on NE 39th Street. There was also a funnel cloud spotted along I-75 at approximately the same time.

0355 p EDT: General public reported a possible tornado that overturned 3 small planes and caused damage to numerous hanger doors at the Ocala Airport.

0355 p EDT: A trained spotter reported a garage was demolished on SW 15th Street near the Ocala Airport.

0410 p EDT: General public reported a possible tornado that damaged multiple mobile homes near 40th Street and Highway 301 in Ocala.

0410 p EDT: The emergency manager reported that 3 people were trapped in a home on NE Jacksonville Road in Ocala by a possible tornado. There were trees and power lines down in the area as well.

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
<b><u>FLORIDA, Northeastern</u></b>							
<b>Marion County</b>							
<b>Ocala</b>	<b>07</b>	<b>1450EST</b>			<b>0</b>	<b>0</b>	<b>Hail(0.75)</b>
<b>Putnam County</b>							
<b>Interlachen</b>	<b>07</b>	<b>1455EST</b>			<b>0</b>	<b>0</b>	<b>Hail(1.00)</b>
							Law enforcement reported quarter size hail at the intersection of CR-315 and State Road 20 by the Putnam Sheriff's office.
<b>Marion County</b>							
<b>Oklawaha</b>	<b>07</b>	<b>1510EST</b>			<b>0</b>	<b>0</b>	<b>Thunderstorm Wind (G50)</b>
							Structural damage occurred to a backyard storage shed.
<b>Putnam County</b>							
<b>Pomona Park</b>	<b>07</b>	<b>1540EST</b>			<b>0</b>	<b>0</b>	<b>Thunderstorm Wind (G50)</b>
							Numerous trees were down in several locations across southeast Putnam county.
<b>Flagler County</b>							
<b>3 W Espanola</b>	<b>07</b>	<b>1545EST</b>			<b>0</b>	<b>0</b>	<b>Hail(1.00)</b>
<b>Flagler County</b>							
<b>3 W Espanola</b>	<b>07</b>	<b>1545EST</b>			<b>0</b>	<b>0</b>	<b>Thunderstorm Wind (G61)</b>
<b>Flagler County</b>							
<b>8 N Bunnell</b>	<b>07</b>	<b>1550EST</b>			<b>0</b>	<b>0</b>	<b>Thunderstorm Wind (G55)</b>
							A roof was ripped off of a business on North Oceanside Boulevard.
<b>Flagler County</b>							
<b>Bunnell</b>	<b>07</b>	<b>1555EST</b>			<b>0</b>	<b>0</b>	<b>Hail(0.88)</b>
<b>Flagler County</b>							
<b>8 NNE Bunnell</b>	<b>07</b>	<b>1600EST</b>			<b>0</b>	<b>0</b>	<b>Thunderstorm Wind (G61)</b>
<b>Flagler County</b>							
<b>10 NNE Bunnell to     2 NNE Bunnell</b>	<b>30</b>	<b>1540EST</b>			<b>0</b>	<b>0</b>	<b>Thunderstorm Wind (G55)</b>
							Numerous pool enclosure lanais were destroyed on Commanchee Road in the Hammock area
<b>Columbia County</b>							
<b>Lake City</b>	<b>30</b>	<b>1800EST</b>			<b>0</b>	<b>0</b>	<b>Hail(1.25)</b>
							One and a quarter inch hail was reported on U.S. Highway 90 East in Lake City.
<b>Duval County</b>							
<b>Mandarin</b>	<b>30</b>	<b>1830EST</b>			<b>0</b>	<b>0</b>	<b>Hail(0.75)</b>
<b>Nassau County</b>							
<b>Yulee</b>	<b>30</b>	<b>1835EST</b>			<b>0</b>	<b>0</b>	<b>Hail(1.00)</b>
<b>Nassau County</b>							
<b>Yulee</b>	<b>30</b>	<b>1837EST</b>			<b>0</b>	<b>0</b>	<b>Hail(1.00)</b>
<b>Nassau County</b>							
<b>Callahan</b>	<b>30</b>	<b>1845EST</b>			<b>0</b>	<b>0</b>	<b>Thunderstorm Wind (G55)</b>
							Two homes had minor damage near Church Road. Trees were blown down and a utility shed was blown down.
<b>Duval County</b>							
<b>San Pablo</b>	<b>30</b>	<b>1852EST</b>			<b>0</b>	<b>0</b>	<b>Hail(0.75)</b>
<b>St. Johns County</b>							
<b>Ponte Vedra Beach</b>	<b>30</b>	<b>1920EST</b>			<b>0</b>	<b>0</b>	<b>Hail(0.75)</b>
<b>St. Johns County</b>							
<b>Elkton</b>	<b>30</b>	<b>1925EST</b>			<b>0</b>	<b>0</b>	<b>Funnel Cloud</b>
							The funnel cloud was moving east-southeast.
<b>Flagler County</b>							
<b>8 NNE Bunnell</b>	<b>30</b>	<b>1940EST</b>			<b>0</b>	<b>0</b>	<b>Funnel Cloud</b>
							The public reported a funnel cloud just north of Palm Coast.
<b>Putnam County</b>							
<b>Palatka</b>	<b>30</b>	<b>2000EST</b>			<b>0</b>	<b>0</b>	<b>Thunderstorm Wind (G50)</b>

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--	---------------------------------------	--------------------

## FLORIDA, Northeastern

The emergency response center received numerous reported of trees and powerlines down:  
810 pm EDT: Powerlines down in Palatka.  
834 pm EDT: Tree limbs down in Palatka.  
945 pm EDT: Powerlines down in Palatka.

### **Putnam County**

<b>Bostwick</b>	<b>30</b>	<b>2000EST</b>			<b>0</b>	<b>0</b>	<b>Thunderstorm Wind (G50)</b>
-----------------	-----------	----------------	--	--	----------	----------	--------------------------------

The emergency response team reported numerous trees down in Bostwick at 0843 pm EDT and at 0901 pm EDT.

## FLORIDA, Northwest

### **FLZ009>010**

#### **Holmes - Washington**

<b>01</b>	<b>0500EST</b>			<b>0</b>	<b>0</b>	<b>750K</b>	<b>Flood</b>
<b>03</b>	<b>0600EST</b>						

Five to eight inches of rain during a 48-hour period across the county as well as torrential rains upstream in Alabama caused flooding along the Choctawhatchee River and nearby low-lying areas. Flooding at Cerrogordo forced the evacuation of a few families. Many creeks and streams were running above their banks. Roads along the river were impassable due to high water. Many county roads were closed. Reported by the Holmes County EMA.

### **FLZ014**

#### **Gulf**

<b>01</b>	<b>0600EST</b>			<b>0</b>	<b>0</b>	<b>5M</b>	<b>Flood</b>
<b>07</b>	<b>0600EST</b>						

Five to ten inches of rain during the past few days combined with significant rain amounts upstream caused significant flooding along the Apalachicola River and nearby low-lying areas. 40 to 50 roads throughout the county were closed due to high water. Many residents along Lake Grove Road were adversely affected as low-lying reservoirs, creeks and streams surged above their banks. This road runs along the Chipola cut-off, which connects the Apalachicola and Chipola Rivers. The affected communities included Wewahitchka, Howards Creek, Dalkeith and Overstreet. 150 residences were damaged by the flood waters. A mandatory boil order was issued for people residing in low-lying or riverside areas. Two people were rescued when flood waters pushed their truck off Lake Grove Road near Gaskins Park. State officials declared a state of emergency and voluntary evacuation order for residents near waterways. Reported by the Gulf County EMA.

### **Leon County**

<b>Tallahassee</b>	<b>01</b>	<b>1310EST</b>			<b>0</b>	<b>0</b>	<b>20K</b>	<b>Thunderstorm Wind (G80)</b>
--------------------	-----------	----------------	--	--	----------	----------	------------	--------------------------------

Several vehicles were damaged on the FAMU campus. One vehicle was blown on top of another vehicle. Reported by the FAMU Police.

### **FLZ008**

#### **Coastal Walton**

<b>01</b>	<b>1600EST</b>			<b>0</b>	<b>0</b>	<b>100K</b>	<b>Flood</b>
<b>03</b>	<b>1600EST</b>						

Several inches of rain during the past few days combined with heavier amounts to the north caused flooding along the Choctawhatchee River and nearby low-lying areas. Many creeks and streams were running over their banks. Several county and dirt roads were closed by high water.

### **FLZ026**

#### **Liberty**

<b>01</b>	<b>1800EST</b>			<b>0</b>	<b>0</b>	<b>25K</b>	<b>Flood</b>
<b>02</b>	<b>0600EST</b>						

The Liberty County EMA reported flooding along several creeks and streams. Several county roads were closed due to high water. The Bristol public boat landing was closed.

### **FLZ011**

#### **Jackson**

<b>01</b>	<b>1800EST</b>			<b>0</b>	<b>0</b>	<b>100K</b>	<b>Flood</b>
<b>03</b>	<b>1800EST</b>						

Several inches of rain from the past few days and upstream in Alabama pushed the Chipola River close to flood stage. Several roads, including County Road 167, were closed due to high water. Four homes were isolated by flood waters. Reported by the Jackson County EMA.

### **Walton County**

<b>1 S Mossy Head</b>	<b>06</b>	<b>1930EST</b>			<b>0</b>	<b>0</b>	<b>Hail(1.00)</b>
-----------------------	-----------	----------------	--	--	----------	----------	-------------------

Quarter size hail reported by a EMS unit on Interstate 10 near mile marker 73.

### **Lafayette County**

<b>2 S Mayo</b>	<b>07</b>	<b>1132EST</b>			<b>0</b>	<b>0</b>	<b>0.50K</b>	<b>Thunderstorm Wind (G50)</b>
-----------------	-----------	----------------	--	--	----------	----------	--------------	--------------------------------

The Lafayette County Sheriff reported a few large trees down on County Road 51.

### **Jackson County**

<b>1 SE Sneads</b>	<b>22</b>	<b>2345EST</b>			<b>0</b>	<b>0</b>	<b>15K</b>	<b>Thunderstorm Wind (G60)</b>
--------------------	-----------	----------------	--	--	----------	----------	------------	--------------------------------

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Persons Injured	Estimated Damage Property Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------	--------------------	---------------------------------------	--------------------

## FLORIDA, Northwest

The Jackson County EMA reported downed trees and a barn destroyed on Ham Pond Lane.

### Lafayette County

2 SE Midway to 2.5 SE Midway	23	0255EST 0300EST	0.5	75	0	0	125K	Tornado (F0)
---------------------------------	----	--------------------	-----	----	---	---	------	--------------

A tornado touched down and destroyed four chicken houses, overturned a trailer and twisted roofing tin around trees of the Pickett Lake community. It also uprooted trees, downed power lines and scattered debris. Reported by the Lafayette County EMA.

### Holmes County

3 NW Bonifay to 2.3 NW Bonifay	26	1705EST	1.1	150	0	0	350K	Tornado (F1)
-----------------------------------	----	---------	-----	-----	---	---	------	--------------

A tornado touched down near Boswell Road and destroyed a barn and downed several trees. After crossing County Road 177A, it damaged a home on Gator Lane and snapped many trees. Another three homes were partially destroyed on Long Round Bay Road before the tornado dissipated. Reported by WJHG-TV Panama City.

### Bay County

Panama City	30	1300EST 1305EST			0	0		Hail(1.75)
-------------	----	--------------------	--	--	---	---	--	------------

Several reports of quarter to golfball size hail by the Panama City Police.

## FLORIDA, Southern

### Collier County

Everglades City	07	2232EST			0	0	5K	Thunderstorm Wind (G50)
-----------------	----	---------	--	--	---	---	----	-------------------------

Four boats suffered minor damage from thunderstorm winds

### Collier County

Naples Muni Arpt	08	0918EST			0	0		Funnel Cloud
------------------	----	---------	--	--	---	---	--	--------------

A funnel cloud was sighted by a SKYWARN spotter near Naples Airport.

### Palm Beach County

West Palm Beach	08	1120EST			0	0		Thunderstorm Wind (G50)
-----------------	----	---------	--	--	---	---	--	-------------------------

A thunderstorm wind gust of 58 mph was estimated by the public.

### FLZ073

#### Inland Dade

22	1530EST 1930EST			0	0		Wildfire
----	--------------------	--	--	---	---	--	----------

A wildfire near SW 177th Avenue and U.S. 41 caused the closure of the road.

## FLORIDA, West Central

### Citrus County

4 NW Crystal River	07	1420EST			0	0		Thunderstorm Wind (G58)
--------------------	----	---------	--	--	---	---	--	-------------------------

The gust was recorded at the Crystal River Power Plant.

### Citrus County

3 S Homosassa	07	1609EST			0	0		Hail(0.75)
---------------	----	---------	--	--	---	---	--	------------

### Sumter County

1 N Wildwood	07	1614EST			0	0		Hail(0.75)
--------------	----	---------	--	--	---	---	--	------------

Hail was reported by a trained SKYWARN spotter.

### Hillsborough County

4.7 SSW Sun City Center 4.2 S Sun City Center	07	1735EST 1740EST			0	0	5K	Thunderstorm Wind (G60)
--	----	--------------------	--	--	---	---	----	-------------------------

Strong thunderstorm winds caused minor damage to several homes and downed large tree limbs and sections of fence in the Sundance area of south Hillsborough County.

### Sarasota County

1 E Venice	07	1750EST 1755EST			0	5	10K	Thunderstorm Wind (G50)
------------	----	--------------------	--	--	---	---	-----	-------------------------

Video and eye witness reports suggested a wet microburst dropped near downtown Venice and produced light damage to 15 mobile homes in the Bay Indies and Ridgewood subdivisions, mostly to car ports and roofs. However, the winds blew out windows, caused five injuries, and sent patrons diving for cover under tables at a restaurant on the 500 block of East Venice Avenue. The Venice Fire Station Number 2 sustained roof damage and a training trailer behind the station was knocked on its side.

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## FLORIDA, West Central

### Hillsborough County

**13 E Sun City Center**    **07**    **1800EST**       **0**    **0**    **5K**    **Thunderstorm Wind (G50)**  
Gusty thunderstorm winds dropped tree limbs on power lines in the Fort Lonesome area.

### Polk County

**2 E Bradley**    **07**    **1810EST**       **0**    **0**    **5K**    **Thunderstorm Wind (G50)**  
Gusty thunderstorm winds dropped tree limbs on power lines in the Bradley Junction area of southwest Polk County. This was the same storm that produced damage south of Sun City Center and Fort Lonesome which makes a broad 25 mile track of wind damage.

### Lee County

**Bonita Spgs**    **08**    **0835EST**       **1**    **0**       **Lightning**  
A golfer was struck while walking on the fairway toward a ball. The sun was shining at the golf course at the time of the strike but isolated thunderstorms were moving onshore near the course.  
M39OU

### Hillsborough County

**3 SE Plant City**    **23**    **1805EST**       **0**    **0**       **Funnel Cloud**  
A large funnel cloud passed over a trained SKYWARN Spotter's home but there was no evidence it touched down as it exited Hillsborough County.

### Polk County

**2 N Mulberry to Highland City**    **23**    **1830EST**       **7**    **150**    **0**    **0**    **250K**    **Tornado (F1)**  
An amateur radio operator reported a tornado touchdown north of Mulberry and a National Weather Service Storm survey found most of the damage was limited to areas to the northeast in Highland City where eight homes had moderate damage. The tornado caused no reported injuries but ripped off part of a roof of a Highland City Home, smashed utility sheds, destroyed several pool cages, and downed powerlines and fences.

## FLORIDA, West Panhandle

### Escambia County

**Central Portion to South Portion**    **01**    **0000CST**       **0**    **0**    **100K**    **Flash Flood**  
**1130CST**  
Heavy rains that began on March 31 and continued into April 1, caused flooding in the central and southern parts of the county. Numerous roads had to be closed for several hours because of the heavy rains. It was estimated that seven to twelve inches of rain fell across the area in a 24 hour period. Pensacola Regional airport had to delay several flights due to the heavy rains. About 100 of people had to be evacuated in the south part of the county because of rising water from a swollen creek. Construction along I-10 caused water to pond along the interstate and some of the lanes had to be closed for hours. No injuries occurred.

### Okaloosa County

**Central Portion to South Portion**    **01**    **0000CST**       **0**    **0**    **50K**    **Flash Flood**  
**1130CST**  
Heavy rains that began on March 31 and continued into April 1, caused flooding in the central and southern parts of the county. Numerous roads had to be closed for several hours because of the heavy rains. It was estimated that six to eight inches of rain fell across the area in a 24 hour period. More than 50 people were evacuated from an apartment complex due to the threat of it sliding into a drainage ditch. The heavy rains caused erosion in the ditch and the apartments were in danger of sliding in. Fortunately workers were able to shore up the ditch and the apartments were saved. No injuries occurred.

### Santa Rosa County

**Central Portion to South Portion**    **01**    **0000CST**       **0**    **0**    **25K**    **Flash Flood**  
**1130CST**  
Heavy rains that began on March 31 and continued into April 1, caused flooding in the central and southern parts of the county. Numerous roads had to be closed for several hours because of the heavy rains. It was estimated that seven to ten inches of rain fell across the area in a 24 hour period. The biggest problems from the rains were the closed roads. Several people were confined to their neighborhoods because roads were flooded leading out of their subdivisions. They were able to get out after the water had drained. No injuries occurred.

### Escambia County

**(Pns)Pensacola Regio**    **01**    **0000CST**       **0**    **0**       **Heavy Rain**  
**30**    **2359CST**  
The rainfall total for April at Pensacola Regional Airport was 24.46 inches. This was the wettest month ever recorded in Pensacola since records began in 1880. The previous April rainfall record was 17.03 inches in 1937. The previous wettest rainfall month was 21.43 in August 1935.

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
<b>FLORIDA, West Panhandle</b>							
<b>Okaloosa County</b>							
<b>Crestview</b>	<b>01</b>	<b>0130CST</b>			<b>0 0</b>	<b>60K</b>	<b>Lightning</b>
	Lightning struck a garage in Crestview. The strike started a fire and the garage and two vehicles parked in it were destroyed.						
<b>Santa Rosa County</b>							
<b>Berrydale</b>	<b>01</b>	<b>1100CST</b>			<b>0 1</b>		<b>Lightning</b>
	Three people were standing outside when lightning struck near them. One of the persons was taken to the hospital and later released. The other two refused treatment.						
<b>Santa Rosa County</b>							
<b>Chumuckla</b>	<b>06</b>	<b>1555CST 1558CST</b>			<b>0 0</b>		<b>Hail(0.75)</b>
<b>Escambia County</b>							
<b>Cantonment</b>	<b>06</b>	<b>1635CST 1637CST</b>			<b>0 0</b>		<b>Hail(0.75)</b>
<b>Escambia County</b>							
<b>South Portion</b>	<b>06 07</b>	<b>1730CST 0200CST</b>			<b>0 0</b>	<b>150K</b>	<b>Flash Flood</b>
	Heavy rains again caused numerous streets to flood in the southern parts of the county. Rainfall totals of six to eight inches in a twelve hour period caused water to pond in several locations. Many drainage systems were also still clogged from debris from Ivan and caused water to pond more quickly than would normally occur. Several bridges suffered damage from the heavy rains and had to be closed for a few days until workers could repair them. From March 31 through April 7, it was estimated that 12 to 22 inches of rain fell across the southern parts of the county.						
<b>Santa Rosa County</b>							
<b>Central Portion to South Portion</b>	<b>06 07</b>	<b>1750CST 0200CST</b>			<b>0 0</b>	<b>25K</b>	<b>Flash Flood</b>
	Heavy rains again caused numerous streets to flood in the central and southern parts of the county. Rainfall totals of six to eight inches in a twelve hour period caused water to pond in several locations. Many drainage systems were also still clogged from debris from Ivan and caused water to pond more quickly than would normally occur. Areas along the coast seemed to have the most trouble with poor drainage and street flooding. From March 31 through April 7, it was estimated that 9 to 18 inches of rain fell generally along and south of I-10 with the heaviest amounts being along the coastal communities.						
<b>Okaloosa County</b>							
<b>Milligan</b>	<b>06</b>	<b>1755CST 1757CST</b>			<b>0 0</b>		<b>Hail(1.00)</b>
<b>Okaloosa County</b>							
<b>Crestview</b>	<b>06</b>	<b>1805CST 1853CST</b>			<b>0 0</b>		<b>Hail(0.75)</b>
<b>Okaloosa County</b>							
<b>Central Portion to South Portion</b>	<b>06 07</b>	<b>2245CST 0200CST</b>			<b>0 0</b>	<b>50K</b>	<b>Flash Flood</b>
	Heavy rains again caused numerous streets to flood in the central and southern parts of the county. Rainfall totals of six to ten inches in a twelve hour period caused water to pond in several locations. Many drainage systems were also still clogged from debris from Ivan and caused water to pond more quickly than would normally occur. From March 31 through April 7, It was estimated that 8 to 15 inches of rain fell across the area with the coastal communities receiving the heavier amounts of rain .						
<b>Santa Rosa County</b>							
<b>Milton</b>	<b>26</b>	<b>1527CST 1530CST</b>			<b>0 0</b>	<b>4K</b>	<b>Hail(1.75)</b>
	Golfball size hail fell from a thunderstorm near Milton. The large hail damaged several vehicles.						
<b>Okaloosa County</b>							
<b>South Portion</b>	<b>30</b>	<b>1100CST 1200CST</b>			<b>0 0</b>		<b>Flash Flood</b>
	Heavy rains caused several streets across the southern parts of the county to flood. The area hardest hit was generally south of I-10. Rainfall totals across the area were between three and four inches. This is the third time this month that this same area has been impacted by heavy rains and street flooding.						
<b>Santa Rosa County</b>							
<b>South Portion</b>	<b>30</b>	<b>1100CST 1200CST</b>			<b>0 0</b>		<b>Flash Flood</b>
	Heavy rains caused several streets across the southern parts of the county to flood. The area hardest hit was generally south of I-10. Rainfall totals across the area were between three and four inches. This is the third time this month that this same area has been impacted by heavy rains and street flooding.						



# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## FLORIDA, West Panhandle

### Escambia County

South Portion	30	1100CST 1200CST			0	0			Flash Flood
---------------	----	--------------------	--	--	---	---	--	--	-------------

Heavy rains caused several streets across the southern parts of the county to flood. The area hardest hit was generally south of I-10. Rainfall totals across the area were between three and four inches. This is the third time this month that this same area has been impacted by heavy rains and street flooding.

## GEORGIA, East Central

### Burke County

Midville	13	1811EST			0	0	0	0	Hail(0.75)
----------	----	---------	--	--	---	---	---	---	------------

Midville Post Office reported penny size hail in the area.

### Columbia County

Evans	22	1530EST			0	0		0	Thunderstorm Wind (G50)
-------	----	---------	--	--	---	---	--	---	-------------------------

WAGT TV reported trees down in Evans.

### Richmond County

Augusta	22	1535EST			0	0	0	0	Hail(0.75)
---------	----	---------	--	--	---	---	---	---	------------

Public reported 1/2 inch hail on Peach Tree road and Peach Pond road.

### Richmond County

Augusta	22	1535EST			0	0		0	Thunderstorm Wind (G60)
---------	----	---------	--	--	---	---	--	---	-------------------------

Public reported couple of trees down and shingles blow off roof.

### Lincoln County

12 SE Lincolnton	30	0917EST			0	0		0	Thunderstorm Wind (G50)
------------------	----	---------	--	--	---	---	--	---	-------------------------

Utility company reported powerlines down on Daniel Marshall Camp rd.

## GEORGIA, Lower

### Coffee County

12 N Douglas	30	1130EST			0	0			Thunderstorm Wind (G50)
--------------	----	---------	--	--	---	---	--	--	-------------------------

Law enforcement reported numerous trees down along Hillcrest Road off of Highway 319 north of Douglas.

### Jeff Davis County

7 S Hazelhurst	30	1145EST			0	0			Thunderstorm Wind (G50)
----------------	----	---------	--	--	---	---	--	--	-------------------------

Satilla REMC received numerous reports of trees down on powerlines from south of Hazelhurst to Denton.

## GEORGIA, North and Central

GAZ001>004-008-012- Dade - Walker - Catoosa - Whitfield - Union - Gordon - Dawson - Lumpkin - White - Floyd - Forsyth - Hall - Banks -  
014>016-019-022>025-027- Jackson - Madison - Polk - Cobb - North Fulton - Gwinnett - Barrow - Clarke - Oconee - Oglethorpe - Wilkes - De Kalb -  
030-032>039-045>047-050- Rockdale - Walton - Greene - Coweta - Fayette - Clayton - Spalding - Henry - Butts - Jasper - Putnam - Jefferson  
053>060-076

02	0600EST 1900EST			0	2	270.8K		Strong Wind
----	--------------------	--	--	---	---	--------	--	-------------

An unusually strong, late winter/early spring cold front moved through the area early in the day, bringing strong and gusty northwest winds to the region, along with some snow and sleet showers early in the day. The strong winds, combined with wet ground from heavy rain during the previous week, caused several trees to be blown down. Some of the trees also took down power lines. The strongest winds affected the northern portion of the state. Some of the details are provided below. (Unless otherwise noted, the information was provided by the respective county's 911 center.)

Banks: Several trees and power lines down, scattered about the countywide.

Barrow: Fourteen trees and several power lines down, scattered about the county. One tree fell on a mobile home, completely destroying one side. (Estimated Damage: \$20,000)

Butts: One tree down in the northern portion of the county. (Estimated Damage: \$250)

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--	---------------------------------------	--------------------

## GEORGIA, North and Central

Catoosa: Five trees were down on power lines, scattered about the county. Several power outages were reported. (Estimated Damage: \$2,000)

Clarke: Several trees and power lines were down throughout the county. Trees fell on two separate vehicles, causing minor injuries to the drivers of these vehicles. In addition, at least three mobile homes were damaged by downed trees. (Estimated Damage: \$25,000)

Clayton: A couple of trees down in the Morrow area. (Estimated Damage: \$500)

Coweta: Several trees down, scattered about the county. Some roadways blocked. (Estimated Damage: \$2,000)

Cobb: Several trees and power lines down countywide. (Estimated Damage: \$5,000)

Dade: Four trees and power lines down across mainly the north and central part of the county. (Estimated Damage: \$2,000)

Dawson: Several trees and power lines down, scattered about the county. Power lines down mainly because of trees that had fallen on them. (Estimated Damage: \$2,000)

DeKalb: Numerous trees were blown down throughout the county. The county 911 center took at least 34 reports of downed trees in the county. (Estimated Damage: \$5,000)

Fayette: A couple of trees down within the county. (Estimated Damage: \$500)

Floyd: A couple of trees down, one fell on a home on Woodbine Avenue causing significant damage to the home. (Estimated Damage: \$25,000)

Forsyth: Sixteen trees and nine power lines were blown down, scattered about the county. In addition, a picnic pavillion was damaged at Eagle Point. (Estimated Damage: \$10,000)

Fulton: One tree down on Buris Court. (Estimated Damage: \$250)

Gordon: Five trees and a couple of power line down, scattered about the county. (Estimated Damage: \$2,000)

Greene: A few trees down, scattered about the county. (Estimated Damage \$1,000)

Gwinnett: Several trees and power lines down countywide. (Estimated Damage: \$5,000)

Hall: Dozens of trees and power lines down throughout the county. Numerous trees on power lines. Many areas left without power. (Estimated Damage: \$15,000)

Henry: Four trees and ten power lines down, scattered about the county. (Estimated Damage: \$5,000)

Jackson: A number of trees and power lines down throughout the county. The Braselton gazebo, which houses the 85-year old bell from the former Braselton High School, collapsed after strong winds hit the structure. In addition, a large highway sign on Interstate-85 was also destroyed by the high winds. (Estimated Damage: \$50,000)

Jasper: A couple of trees down within the county. (Estimated Damage: \$500)

Jefferson: A large tree was blown down in the Hidden Lakes Subdivision. An adjacent car sustained minor damage. (Estimated Damage: \$2,500)

Madison: Many trees and power lines down throughout the county. (Estimated Damage: \$10,000)

Lumpkin: Several trees down scattered about the county. (Estimated Damage: \$2,000)

Oconee: Several trees and nine power lines down, scattered about the county. Two mobile homes were damaged when trees fell on them. (Estimated Damage: \$15,000)

Oglethorpe: Many trees and power lines down throughout the county. One of the downed power lines started a small brush fire, but no damage to any structures or buildings resulted. (Estimated Damage: \$5,000)

Polk: A few trees and power lines down in the county. A large 75-year old oak tree fell onto a home. The porch was crushed and

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--	---------------------------------------	--------------------

## GEORGIA, North and Central

the tree also smashed through the roof into the living room causing damage to several pieces of furniture in the room. In addition, a neighbor's vehicle was also damaged. (Estimated Damage: \$30,000)

Putnam: Three trees down within the county. (Estimated Damage: \$750)

Rockdale: Twenty trees were reported down within the county. (Estimated Damage: \$4,000)

Spalding: Four trees down and a couple of power lines, scattered about the county. (Estimated Damage: \$2,000)

Union: A few trees down across the southern portion of the county. (Estimated Damage: \$1,000)

Walker: Nine trees and power lines were down scattered about the county. (Estimated Damage: \$3,000)

Walton: Nineteen trees and several power lines were down within the county. (Estimated Damage: \$5,000)

White: Four trees reported down, scattered about the county. (Estimated Damage: \$1,000)

Whitfield: Eleven trees and a couple of power lines were down, scattered about the county. (Estimated Damage: \$3,000)

Wilkes: Approximately 12 trees were down within the county. (Estimated Damage: \$3,000)

GAZ006>007-009-  
013>015-021>023-  
031>034-045-055

**Fannin - Gilmer - Towns - Pickens - Dawson - Lumpkin - Cherokee - Forsyth - Hall - Paulding - Cobb - North Fulton - Gwinnett - De Kalb - Clayton**

**02 1000EST 1200EST 0 0 Winter Weather/Mix**

A late Spring and strong Canadian cold front combined with a upper-level disturbance to bring an unusually late, albeit brief, period of snow and sleet showers to the area during the late morning hours. Some of the showers were strong enough to even produce some pea-sized hail or graupel on the north side of the Atlanta metropolitan area. The snow and sleet showers were generally confined to the north central and northeast part of the state from the north Atlanta metropolitan area northeast to Hiawassee. While little snow accumulation was reported with ground surface temperatures in the 40s, some minor accumulation of snow was reported in the higher elevations of the Blue Ridge Mountains in Northeast Georgia. At Brass Town Bald in western Towns county, over 4000 feet elevation, nearly an inch of snow accumulated on the ground. Several visitors to the park had difficulty getting out of the area on the snow covered roads. Ground surface temperatures were in the 40s, so there was no significant accumulation of snow outside of the higher elevations.

**Floyd County  
Shannon**

**07 1630EST 0 0 0.25K Thunderstorm Wind (G35)**

The Floyd County 911 Center reported that one tree was blown down. Street flooding was also reported in the area because of drainage problems during heavy rain.

**Troup County  
1 S La Grange**

**07 1640EST 0 0 Hail(0.75)**

The public reported penny-sized hail on the south side of La Grange.

**Chattooga County  
Summerville**

**07 1645EST 0 0 0.25K Thunderstorm Wind (G36)**

The Chattooga County 911 Center reported that one tree was down on Airport Road.

**Schley County  
Ellaville**

**07 1651EST 0 0 Hail(0.75)**

The Schley County 911 Center reported penny-sized hail.

**Macon County  
Ideal**

**07 1700EST 0 0 Hail(0.75)**

The Macon County 911 Center reported penny-sized hail.

**Troup County  
La Grange**

**07 1720EST 0 0 Hail(0.75)**

The public reported penny-sized hail on Hogansville Road.

**Barrow County  
Winder**

**07 1730EST 0 0 100K Thunderstorm Wind (G50)**

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b><u>GEORGIA, North and Central</u></b>									
The public and the Barrow County 911 Center reported that two buildings on Athens Street, three blocks from the court house, suffered significant damage from thunderstorm winds. The roof of a large commercial building, the historic Winder Rug Mill, was lifted off the structure and left in the street. Sheet metal from the Winder Rug Mill roof was scattered around parts of the town. A home nearby also sustained some roof damage. Several trees in the area were uprooted.									
<b>Hall County</b> <b>Gainesville</b>	<b>07</b>	<b>1730EST</b>			<b>0</b>	<b>0</b>			<b>Hail(0.75)</b>
The public reported penny-sized hail.									
<b>Troup County</b> <b>7 S La Grange</b>	<b>07</b>	<b>1740EST</b>			<b>0</b>	<b>0</b>			<b>Hail(0.75)</b>
The public reported penny-sized hail.									
<b>Hall County</b> <b>Gainesville</b>	<b>07</b>	<b>1750EST</b>			<b>0</b>	<b>0</b>			<b>Hail(0.75)</b>
The Hall County 911 Center reported penny-sized hail.									
<b>Newton County</b> <b>Covington to Almon</b>	<b>07</b>	<b>1800EST</b> <b>1810EST</b>			<b>0</b>	<b>0</b>	<b>70K</b>		<b>Hail(1.75)</b>
The public reported penny to golf ball-sized hail in Covington and penny-sized hail in Almon.									
<b>Rockdale County</b> <b>Conyers</b>	<b>07</b>	<b>1814EST</b>			<b>0</b>	<b>0</b>			<b>Hail(0.88)</b>
The public reported nickel-sized hail.									
<b>Spalding County</b> <b>Griffin</b>	<b>07</b>	<b>1825EST</b> <b>1838EST</b>			<b>0</b>	<b>0</b>	<b>25K</b>		<b>Hail(1.25)</b>
The public reported penny to half-dollar-sized hail. The hail dented some vehicles in the area.									
<b>Banks County</b> <b>Carlan</b>	<b>07</b>	<b>1830EST</b>			<b>0</b>	<b>0</b>	<b>1K</b>		<b>Thunderstorm Wind (G50)</b>
The Georgia Department of Transportation reported that several trees were down off Georgia Highway 63. Funnel clouds were reported in the area by the public.									
<b>Clarke County</b> <b>4 SW Athens</b>	<b>07</b>	<b>1900EST</b>			<b>0</b>	<b>0</b>	<b>1K</b>		<b>Lightning</b>
The Clarke County 911 Center reported that a home was struck by lightning. Only minor damage was reported.									
<b>Barrow County</b> <b>Bethlehem</b>	<b>07</b>	<b>1905EST</b>			<b>0</b>	<b>0</b>			<b>Hail(1.00)</b>
The public reported quarter-sized hail.									
<b>Barrow County</b> <b>Bethlehem</b>	<b>07</b>	<b>1905EST</b>			<b>0</b>	<b>0</b>			<b>Thunderstorm Wind (G50)</b>
The public reported that several trees were blown down.									
<b>Newton County</b> <b>Covington</b>	<b>07</b>	<b>1915EST</b>			<b>0</b>	<b>0</b>	<b>1K</b>		<b>Lightning</b>
The Newton County 911 Center reported that a home was struck by lightning. Damage was minor.									
<b>Butts County</b> <b>8 WSW Jackson</b>	<b>07</b>	<b>1930EST</b>			<b>0</b>	<b>0</b>			<b>Hail(0.75)</b>
The Butts County 911 Center reported penny-sized hail near Interstate-75.									
<b>Oconee County</b> <b>2 NW Watkinsville</b>	<b>07</b>	<b>2015EST</b>			<b>0</b>	<b>0</b>	<b>0.50K</b>		<b>Thunderstorm Wind (G50)</b>
The Oconee County 911 Center reported that a couple of trees were blown down.									
<b>Oconee County</b> <b>2 NW Watkinsville</b>	<b>07</b>	<b>2030EST</b>			<b>0</b>	<b>0</b>	<b>1K</b>		<b>Lightning</b>
The Oconee County Fire Chief reported that lightning struck a gas line causing a fire to erupt. No structural damage was reported.									

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
<b><u>GEORGIA, North and Central</u></b>							
<b>GAZ057</b>	<b>Henry</b>						
	<b>07</b>	<b>1901EST 2100EST</b>			<b>0 0</b>		<b>Flood</b>
The Henry County 911 Center reported that several streams in the area were out of their banks from locally very heavy rain.							
<b>Cherokee County</b>							
<b>1 W Woodstock to 1 E Woodstock</b>	<b>12</b>	<b>1725EST 1730EST</b>			<b>0 0</b>	<b>50K</b>	<b>Hail(1.00)</b>
The Cherokee County Emergency Management Director reported that penny to quarter-sized hail covered the ground from just west to just east of Woodstock in far southern Cherokee County. Damage to vehicles and landscaping was reported in the area.							
<b>Fulton County</b>							
<b>Crabapple</b>	<b>12</b>	<b>1742EST</b>			<b>0 0</b>		<b>Hail(0.75)</b>
The public reported penny-sized hail.							
<b>Forsyth County</b>							
<b>3 SW Cumming</b>	<b>12</b>	<b>1815EST</b>			<b>0 0</b>	<b>1K</b>	<b>Hail(0.75)</b>
The public reported penny-sized hail. The hail put some minor dents in a vehicle.							
<b>Clarke County</b>							
<b>Athens to 5 SE Athens</b>	<b>13</b>	<b>1505EST</b>			<b>0 0</b>		<b>Hail(0.88)</b>
The public the and the Athens County 911 Center reported dime to nickel-sized hail.							
<b>Oglethorpe County</b>							
<b>Maxeys</b>	<b>13</b>	<b>1610EST</b>			<b>0 0</b>		<b>Hail(0.75)</b>
The public reported penny-sized hail at a local grocery store.							
<b>Henry County</b>							
<b>Locust Grove</b>	<b>13</b>	<b>1658EST</b>			<b>0 0</b>		<b>Hail(0.75)</b>
The public reported penny-sized hail. The hail lasted for a period up to 10 minutes.							
<b>Gwinnett County</b>							
<b>Dacula</b>	<b>13</b>	<b>1710EST</b>			<b>0 0</b>		<b>Hail(0.75)</b>
The public reported penny-sized hail.							
<b>Butts County</b>							
<b>5 SW Jackson to Jackson</b>	<b>13</b>	<b>1720EST 1730EST</b>			<b>0 0</b>		<b>Hail(0.75)</b>
The Butts County 911 Center reported penny-sized hail southwest of Jackson, while the public reported penny-sized hail in Jackson.							
<b>Jefferson County</b>							
<b>Louisville</b>	<b>13</b>	<b>1725EST</b>			<b>0 0</b>		<b>Hail(1.00)</b>
The Jefferson County 911 Center reported quarter-sized hail.							
<b>Douglas County</b>							
<b>Douglasville</b>	<b>13</b>	<b>1750EST</b>			<b>0 0</b>		<b>Hail(0.75)</b>
The Douglas County Sheriff's Office reported penny-sized hail.							
<b>Peach County</b>							
<b>Byron</b>	<b>22</b>	<b>1030EST 1035EST</b>			<b>0 0</b>		<b>Hail(0.75)</b>
The public reported penny-sized hail.							
<b>Bibb County</b>							
<b>Macon</b>	<b>22</b>	<b>1034EST 1038EST</b>			<b>0 0</b>	<b>1K</b>	<b>Thunderstorm Wind (G50)</b>
The Georgia Forestry Commission reported that a few trees were blown down in the Macon area.							
<b>Carroll County</b>							
<b>Carrollton</b>	<b>22</b>	<b>1145EST 1215EST</b>			<b>0 0</b>	<b>10K</b>	<b>Lightning</b>
The Times Georgian of Carrollton reported that lightning struck a tree next to the Starting Block Learning Center sending smoke into the building. The building was evacuated as a result. In addition, lightning struck an underground service entrance to a Target store, causing a high voltage transformer to burn.							
<b>Fannin County</b>							
<b>Margret</b>	<b>22</b>	<b>1145EST</b>			<b>0 0</b>		<b>Hail(1.00)</b>
The public reported quarter-sized hail. In addition, wind gusts were estimated between 50 and 60 mph.							

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b><u>GEORGIA, North and Central</u></b>									
<b>Heard County</b>									
Franklin	22	1200EST			0	0			Hail(0.75)
			The Heard County 911 Center reported penny-sized hail.						
<b>White County</b>									
Cleveland to Helen	22	1200EST			0	0			Thunderstorm Wind (G50)
			The public reported that numerous to widespread trees were blown down along a line from Cleveland to Helen. The doors were blown in at Universal Chevrolet in Cleveland and golf carts were moved across the lot.						
<b>Troup County</b>									
Hogansville	22	1205EST 1215EST			0	0			Hail(1.00)
			The public reported quarter-sized hail for a period of around 10 minutes. The hail covered the ground in some places.						
<b>Dawson County</b>									
3 SW Amicalola	22	1210EST			0	0	3K		Thunderstorm Wind (G50)
			The Dawson County 911 Center reported that a few trees and power lines were down near the Amicalola Falls State Park.						
<b>Douglas County</b>									
Winston to Douglasville	22	1210EST 1215EST			0	0			Hail(1.00)
			A storm spotter reported quarter-sized hail in Winston, while the public observed penny-sized hail at the Wal Mart in Douglasville.						
<b>Lumpkin County</b>									
Dahlonega	22	1210EST			0	0			Hail(0.75)
			The public reported penny-sized hail.						
<b>White County</b>									
Cleveland	22	1210EST			0	0			Hail(1.00)
			The public reported quarter-sized hail.						
<b>Cherokee County</b>									
Free Home	22	1215EST			0	0	2K		Thunderstorm Wind (G50)
			The Cherokee County Emergency Management Director reported that several trees were down.						
<b>Coweta County</b>									
3 E Mc Collum to Mc Collum	22	1215EST			0	0			Hail(1.00)
			The public reported penny to quarter-sized hail near the community of Major in far northeast Coweta county.						
<b>Hall County</b>									
Clermont	22	1215EST			0	0			Thunderstorm Wind (G50)
			The public reported that the tin roof was peeled off a shed and one large 35 foot tall Hickory Nut Tree was blown down.						
<b>Douglas County</b>									
3 W Chapel Hill	22	1220EST			0	0	0.25K		Thunderstorm Wind (G39)
			The public reported that a tree was down along Kings Highway, with several small limbs also down in the area.						
<b>Forsyth County</b>									
Cumming	22	1220EST			0	0			Hail(1.00)
			The public reported penny to quarter-sized hail.						
<b>Meriwether County</b>									
Lone Oak	22	1221EST			0	0			Hail(0.88)
			The public reported nickel-sized hail.						
<b>Carroll County</b>									
Carrollton	22	1225EST 1245EST			0	0			Hail(1.00)
			The public reported penny to quarter-sized hail.						
<b>Carroll County</b>									
Carrollton	22	1225EST 1245EST			0	0	5K		Thunderstorm Wind (G50)
			The Times Georgian of Carrollton reported that thunderstorm winds downed a number of trees and power lines in the city.						

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
<b><u>GEORGIA, North and Central</u></b>							
<b>Fulton County</b>							
Palmetto	22	1225EST 1232EST			0 0		Hail(1.00)
The public reported penny to quarter-sized hail. The hail lasted from six to eight minutes.							
<b>De Kalb County</b>							
Tucker	22	1240EST			0 0		Hail(0.75)
The public reported penny-sized hail in Tucker near the Gwinnett County line.							
<b>Coweta County</b>							
Newnan	22	1253EST			0 0		Hail(0.75)
The public reported penny-sized hail.							
<b>Gwinnett County</b>							
Grayson to Snellville	22	1300EST			0 0		Hail(0.75)
The Gwinnett County SkyWarn Coordinator and the public reported penny-sized hail.							
<b>Walton County</b>							
Loganville	22	1300EST 1305EST			0 0		Hail(0.88)
The public reported penny to nickel-sized hail.							
<b>Barrow County</b>							
Auburn	22	1302EST			0 0		Hail(0.88)
The public reported nickel-sized hail.							
<b>Fayette County</b>							
Woolsey	22	1305EST			0 0	2K	Thunderstorm Wind (G50)
The Fayette County Emergency Management Director reported that several trees were blown down.							
<b>Spalding County</b>							
Countywide	22	1309EST 1422EST			0 0	10K	Thunderstorm Wind (G50)
The Spalding County 911 Center reported that many trees were down throughout the county. In addition, four power lines were down in Griffin at Cherokee Avenue and Fayetteville Road.							
<b>Rockdale County</b>							
5 SE Conyers	22	1313EST			0 0	1K	Thunderstorm Wind (G50)
The Rockdale County 911 Center reported that several trees were down in the far southeast part of the county near the Newton County line along Interstate-20, and Pleasant Hill Road, Hamel Court, and Willow Court.							
<b>Pike County</b>							
Zebulon	22	1315EST			0 0	0.50K	Thunderstorm Wind (G50)
The Pike County 911 Center reported that a couple of trees were blown down.							
<b>Newton County</b>							
Covington	22	1317EST			0 0	0.50K	Thunderstorm Wind (G50)
The Newton County 911 Center reported that two trees were down at Emory Street and Echols Street.							
<b>Lamar County</b>							
Countywide	22	1320EST 1352EST			0 0	5K	Thunderstorm Wind (G50)
The Lamar County Sheriff's Office reported that several power lines were down throughout the county. The public reported that several large limbs were down in the Milner area.							
<b>Lamar County</b>							
Milner	22	1320EST			0 0		Hail(0.75)
The public reported penny-sized hail.							
<b>Walton County</b>							
Countywide	22	1322EST 1345EST			0 0	5K	Thunderstorm Wind (G50)
The Walton County 911 Center reported that many trees had been blown down throughout the county.							
<b>Madison County</b>							
3 S Danielsville	22	1330EST			0 0	0.25K	Thunderstorm Wind (G39)

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
<b><u>GEORGIA, North and Central</u></b>							
The Madison County 911 Center reported that one tree was blown down across U.S. Highway 29 just south of Danielsville.							
<b>Oconee County</b> Countywide	22	1335EST 1357EST			0 0	3K	Thunderstorm Wind (G50)
The Oconee County 911 Center reported that several trees were down throughout the county.							
<b>Monroe County</b> Forsyth	22	1345EST			0 0	150K	Lightning
The Monroe County Emergency Management Director reported that a direct lightning strike at the 911 center rendered all of the phones and radios in the facility unuseable.							
<b>Upson County</b> Thomaston to 3 S Thomaston	22	1350EST 1355EST			0 0		Hail(0.88)
The Upson County Emergency Management Director reported nickel-sized hail south of Thomaston, while the public reported penny-sized hail in Thomaston.							
<b>Jasper County</b> 5 S Monticello	22	1352EST			0 0		Hail(0.75)
An amateur radio operator reported penny-sized hail.							
<b>Butts County</b> Jackson	22	1400EST			0 0	2K	Thunderstorm Wind (G50)
The Butts County Fire Department reported that several trees were down.							
<b>Monroe County</b> Forsyth	22	1400EST			0 0	1K	Thunderstorm Wind (G50)
The Monroe County Emergency Management Director reported that two trees and two power lines were down near Forsyth.							
<b>Oglethorpe County</b> Lexington	22	1400EST			0 0	1K	Thunderstorm Wind (G50)
The Lexington Police Department reported that several trees were blown down.							
<b>Monroe County</b> Forsyth	22	1405EST			0 0		Hail(0.75)
The public reported penny-sized hail.							
<b>Taylor County</b> Reynolds	22	1417EST			0 0		Hail(1.00)
The public reported quarter-sized hail.							
<b>Bibb County</b> 9 W Macon to Macon	22	1419EST 1434EST			0 0	25K	Thunderstorm Wind (G50)
The Bibb County Emergency Management Director reported that numerous trees and power lines were down throughout the city. The Macon Telegraph reported that trees were down on power lines in four different areas of Macon. In addition, thunderstorm winds capsized a boat on Lake Tobesofkee, approximately 9 miles west of Macon.							
<b>Bibb County</b> Macon	22	1430EST 1434EST			0 0		Hail(0.88)
Numerous reports of penny to nickel-sized hail were received from the public.							
<b>Baldwin County</b> Milledgeville	22	1445EST			0 0	2K	Thunderstorm Wind (G50)
The Baldwin County 911 Center reported that a few trees were down scattered throughout the Milledgeville area.							
<b>Jones County</b> Gray	22	1500EST			0 0		Hail(0.88)
The public reported nickel-sized hail.							
<b>Twiggs County</b> Dry Branch	22	1500EST			0 0		Hail(0.88)
The public reported nickel-sized hail.							
<b>Macon County</b> Marshallville	22	1510EST			0 0		Hail(0.75)
The public reported penny-sized hail.							



# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b><u>GEORGIA, North and Central</u></b>									
<b>Wilkinson County</b>									
<b>Irwinton</b>	22	1530EST			0	0	0.50K		Thunderstorm Wind (G39)
	The Wilkinson County 911 Center reported that one tree and an old weak sign were blown down.								
<b>Laurens County</b>									
<b>Dexter</b>	22	1540EST			0	0			Hail(0.88)
	The public reported nickel-sized hail.								
<b>Muscogee County</b>									
<b>1 S Columbus to 3 NE Columbus</b>	22	1555EST 1610EST			0	0			Hail(0.88)
	The public reported penny-sized hail at the Blue Cross/Blue Shield Center south of Columbus as well as nickel-sized hail in the northeast part of Columbus.								
<b>Harris County</b>									
<b>Cataula</b>	22	1600EST			0	0			Hail(0.75)
	The public reported nickel-sized hail.								
<b>Dooly County</b>									
<b>Lilly</b>	22	1618EST			0	0			Hail(0.88)
	The Dooly County 911 Center reported nickel-sized hail.								
<b>Harris County</b>									
<b>Cataula</b>	22	1635EST			0	0			Hail(0.75)
	The public reported penny-sized hail.								
<b>Dooly County</b>									
<b>Vienna</b>	22	1700EST			0	0			Hail(1.00)
	The public reported quarter-sized hail.								
<b>Talbot County</b>									
<b>Geneva</b>	22	1700EST			0	0			Hail(0.75)
	The Talbot County Sheriff's Office reported penny-sized hail.								
<b>Wheeler County</b>									
<b>Alamo to Glenwood</b>	22	1700EST			0	0			Thunderstorm Wind (G50)
	The Alamo Police Department reported that several power lines were down because of large limbs that fell on them. A tree was blown down in Glenwood.								
<b>Marion County</b>									
<b>Five Pts</b>	22	1715EST			0	0			Hail(0.75)
	The public reported penny-sized hail.								
<b>Taylor County</b>									
<b>Butler</b>	22	1715EST			0	0			Hail(0.75)
	The Taylor County 911 Center reported penny-sized hail.								
<b>Schley County</b>									
<b>Ellaville</b>	22	1730EST			0	0			Hail(0.75)
	The Schley County 911 Center reported penny-sized hail.								
<b>Dooly County</b>									
<b>Byromville to Vienna</b>	22	1736EST 1738EST			0	0			Hail(0.88)
	The Dooly County 911 Center reported nickel-sized hail in Byromville and the public reported nickel-sized hail in Vienna.								
<b>Chattahoochee County</b>									
<b>1 SE Cusseta</b>	22	1740EST			0	0			Hail(0.75)
	The Chattahoochee County Sheriff's Office reported penny-sized hail.								
<b>Dooly County</b>									
<b>5 SW Vienna to Vienna</b>	22	1800EST 1810EST			0	0			Hail(0.88)
	The Dooly County 911 Center reported nickel-sized hail southwest of Vienna and the public reported nickel-sized hail in Vienna.								
<b>Crisp County</b>									
<b>1 E Cordele to Cordele</b>	22	1810EST 1812EST			0	0	18K		Hail(1.75)

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
<b>GEORGIA, North and Central</b>							
A trained spotter reported golf ball-sized hail just each of Cordele, while the public reported nickel-sized hail in Cordele.							
<b>Dade County</b> Cole City to Trenton	22	1845EST 1910EST			0 0	5K	Thunderstorm Wind (G52)
The Dade County 911 Center reported that a number of trees were down in the area, especially around Trenton. An amateur radio operator confirmed that many trees and several power lines were down. The Dade County Sentinel reported that thunderstorm winds caused damage to roofs and blew down trees throughout the county. A portion of a roof was torn off a barn in northwest Dade county in the Sand Mountain area near Cole City. A roof was also blown off a nearby storage building and it was carried nearly 40 yards away. Some 25-30 trees were blown down in the Edgewood area of Trenton causing minor damage to the side of one home. A trailer was also damaged and a car was destroyed when a large oak tree fell on it.							
<b>Dade County</b> Trenton	22	1845EST			0 0		Hail(1.25)
The Dade County 911 Center reported ping-pong ball-sized hail. The public reported nickel-sized hail, which covered the ground in some locations.							
<b>Catoosa County</b> Ft Oglethorpe to 2 NNE Ringgold	22	1850EST 1930EST			0 0	150K	Hail(1.75)
Numerous reports of large hail, ranging in size from quarters to golf balls were received from the public. Damage was reported to roofs of several homes in the area. Most of the golf ball-sized hail was reported in the Ringgold area, with mostly quarter to half-dollar-sized hail elsewhere.							
<b>Walker County</b> Flintstone to Rock Spg	22	1900EST 1910EST			0 0		Hail(1.00)
Several reports of hail were received from amateur radio operators and the public. Quarter-sized hail was reported in Chickamauga, just south of Chickamauga, and near Rock Spring. Nickel-sized hail was reported in Flintstone and just south of Flintstone.							
<b>Chattooga County</b> Menlo to 2 E Lyerly	22	1905EST 1910EST			0 0		Hail(0.88)
The public reported nickel-sized hail in Menlo and Trion, with dime-sized hail just east of Lyerly.							
<b>Whitfield County</b> Cohutta	22	1923EST			0 0		Hail(0.75)
The public reported penny-sized hail.							
<b>Whitfield County</b> Cohutta to Dalton	22	1923EST			0 0	15K	Thunderstorm Wind (G52)
The public reported that a home sustained significant damage from strong thunderstorm straight-line winds. At one residence on River Road in the northeast part of Dalton, the roof was blown off a barn, a portion of a garage, and several windows were blown out. A roof was also blown off the porch of a neighboring house. A lot of trees were also blown down in the area. The Whitfield County 911 Center reported that a few trees and power lines were down, especially in the Dalton area.							
<b>Bartow County</b> Adairsville	22	2000EST			0 0		Hail(0.88)
The public reported penny to nickel-sized hail.							
<b>Gordon County</b> Oakman	22	2000EST			0 0		Hail(1.00)
The public reported quarter-sized hail.							
<b>Murray County</b> Chatsworth	22	2000EST			0 0	5K	Thunderstorm Wind (G52)
The Murray County 911 Center reported that three trees were blown down and a roof was blown off a minor structure. A trained spotter reported that wind gusts were estimated at 60 mph.							
<b>Murray County</b> Hasslers Mill	22	2013EST			0 0		Hail(1.25)
The public reported ping-pong ball-sized hail approximately two miles east of the intersection of CCC Camp Road and Hyden Tyler Road near Hasslers Mill.							
<b>Floyd County</b> Silver Creek to Six Mile	22	2021EST 2030EST			0 0		Hail(0.88)

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b>GEORGIA, North and Central</b>									
The public reported nickel-sized hail in Silver Creek and penny-sized hail in the Six Mile area near the Mayfield Dairy and Floyd College.									
<b>Gilmer County</b>									
Cherrylog	22	2026EST			0	0			Hail(1.00)
The public reported quarter-sized hail.									
<b>Cherokee County</b>									
Canton to 1 S Woodstock	22	2040EST 2110EST			0	0			Hail(0.88)
The public reported nickel-sized hail in Canton, while numerous reports of penny-sized hail were received from the public and the Cherokee County Emergency Management Director from Canton, and from three miles west to one mile south of Woodstock near the Cobb county line.									
<b>Floyd County</b>									
Rome to Shannon	22	2045EST 2057EST			0	0	50K		Hail(1.75)
Several reports of large hail were received from the public and an amateur radio operator. Hail ranging in size from pennies to golf balls fell in the Rome area, with quarter to half-dollar-sized hail in the Shannon area									
<b>Cobb County</b>									
Marietta	22	2113EST			0	0			Hail(0.75)
The public reported penny-sized hail.									
<b>De Kalb County</b>									
Dunwoody to Tucker	22	2120EST 2140EST			0	0			Hail(1.25)
Numerous reports of hail, ranging in size from pennies to quarters were received from the public. At some locations the hail fell for a period of up to five minutes. Nickel-sized hail was reported in Chamblee, Tucker, Doraville, and Dunwoody, quarter-sized hail was reported in Chamblee, and half-dollar-sized hail was reported in Doraville									
<b>Fulton County</b>									
Sandy Spgs	22	2125EST 2130EST			0	0			Hail(1.00)
The public reported nickel to quarter-sized hail. At one location, nickel-sized hail lasted for a period of three to four minutes and covered the ground.									
<b>Gwinnett County</b>									
Norcross to Lilburn	22	2131EST 2143EST			0	0			Hail(0.88)
Several reports of penny to nickel-sized hail were received from the public in Norcross, Lilburn, and Berkeley Lakes.									
<b>Pickens County</b>									
Marblehill	30	0530EST			0	0	0.15K		Hail(0.75)
The public observed penny-sized hail at a convenience store. The windshield of a car parked at the facility was cracked.									
<b>Polk County</b>									
Cedartown	30	0530EST			0	0			Hail(0.75)
An amateur radio operator reported penny-sized hail.									
<b>Polk County</b>									
Cedartown	30	0550EST			0	0	0.25K		Thunderstorm Wind (G39)
The Polk County 911 Center reported that one tree was blown down.									
<b>Floyd County</b>									
3 N Rome	30	0600EST			0	0	0.25K		Thunderstorm Wind (G39)
The Floyd County Fire and Rescue Department reported that one tree was blown down just north of Rome.									
<b>Haralson County</b>									
Tallapoosa	30	0600EST			0	0			Hail(0.75)
The Tallapoosa Police Department observed penny-sized hail.									
<b>Paulding County</b>									
Dallas	30	0600EST			0	0			Hail(0.75)
The public reported penny-sized hail.									
<b>Heard County</b>									
Owensbyville	30	0730EST			0	0			Hail(0.75)
The public reported penny-sized hail.									

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--	---------------------------------------	--------------------

## GEORGIA, North and Central

### Troup County

**West Pt**      **30**      **0730EST**                **0**      **0**           **Hail(0.75)**  
The Troup County Fire and Rescue Department reported penny-sized hail.

### Chattahoochee County

**Cusseta**      **30**      **0900EST**  
                         **0915EST**                **0**      **0**      **2K**      **Thunderstorm Wind (G50)**  
The public and the Chattahoochee County Sheriff's Department reported that around six trees were down in the Cusseta area along U.S. Highway 27, Georgia Highway 520, and at least one private residence.

### Webster County

**Preston**      **30**      **0915EST**                **0**      **0**           **Hail(0.75)**  
The public reported penny-sized hail.

### Marion County

**1 W Buena Vista to**      **30**      **0930EST**                **0**      **0**      **7K**      **Thunderstorm Wind (G50)**  
**Buena Vista**  
The public reported that a few trees had fallen down in the city, one of which had fallen on a mobile home and another near the courthouse. The Buena Vista Police Department reported that one tree was down just outside the city limits on Georgia Highway 137 West.

### Schley County

**Murrays Xrds**      **30**      **0930EST**                **0**      **0**      **0.50K**      **Thunderstorm Wind (G50)**  
The Schley County Fire and Rescue Department reported that a couple of trees were down on Georgia Highway 240 near Murrays Crossroads.

### Sumter County

**Americus**      **30**      **0930EST**                **0**      **0**      **5K**      **Thunderstorm Wind (G39)**  
The Americus Times Recorder reported that a relatively large tree was blown down by thunderstorm winds and caused minor damage to the corner of an adjacent building and slight damage to the roof.

### Laurens County

**Dublin**      **30**      **1113EST**                **0**      **0**           **Hail(0.75)**  
The Laurens County Emergency Management Director reported penny-sized hail.

### Montgomery County

**1 W Mt Vernon**      **30**      **1203EST**                **0**      **0**           **Hail(0.75)**  
The public reported penny-sized hail at a convenience store.

## GEORGIA, Northeast

### GAZ018-026-028

#### Stephens - Franklin - Hart

**02**      **1200EST**                **0**      **0**      **15K**      **High Wind (G55)**  
                         **1900EST**

High winds developed around noon across the piedmont and foothills of extreme northeast Georgia, and continued through the afternoon hours. Numerous trees and power lines were blown down, some onto vehicles.

### GAZ010-017

#### Rabun - Habersham

**02**      **1200EST**                **0**      **0**           **High Wind (G55)**  
**03**      **1100EST**

High winds developed around noon across the mountains, and continued through the afternoon and overnight hours before subsiding during the late morning of the 3rd. Numerous trees and power lines were blown down, resulting in fairly widespread power outages.

### Elbert County

**9 NE Elberton**      **22**      **1225EST**                **0**      **0**           **Hail(0.88)**

### Rabun County

**Tiger to**      **22**      **1240EST**                **0**      **0**           **Hail(1.00)**  
**Clayton**      **1245EST**  
Hail in Tiger and Clayton. Hail covered the ground in Clayton.

### Rabun County

**Clayton**      **22**      **1240EST**                **0**      **0**           **Thunderstorm Wind (G50)**  
                         **1245EST**  
A couple of trees down at the highway 76/441 S intersection west of Clayton.

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## GEORGIA, Northeast

### **Rabun County**

**Lakemont**      22      1258EST      0      0      **Hail(0.75)**

### **Hart County**

**Reed Creek**      22      1300EST      0      0      **Hail(0.75)**  
Hail covered the ground.

### **Franklin County**

**10 NW Carnesville**      22      1303EST      0      0      **Hail(0.75)**  
Near the Stephens County line.

## GEORGIA, Southeast

### **Screven County**

**Countywide**      22      1700EST  
1715EST      0      0      **Thunderstorm Wind (G50)**  
Thunderstorm winds knocked down trees and power lines in the central and southern parts of the county.

### **Tattnall County**

**Mendes to  
Reidsville**      30      1235EST  
1240EST      0      0      **Thunderstorm Wind (G50)**  
Numerous trees were knocked down across the county.

### **Evans County**

**Claxton**      30      1245EST  
1250EST      0      0      **Thunderstorm Wind (G50)**  
Thunderstorm winds knocked down trees along Highway 301.

### **Bulloch County**

**Statesboro**      30      1255EST  
1305EST      0      0      **Thunderstorm Wind (G50)**  
Thunderstorm winds knocked down trees, power lines, and traffic lights.

### **Bryan County**

**Richmond Hill**      30      1325EST  
1330EST      0      0      **Thunderstorm Wind (G50)**  
Thunderstorm winds knocked down trees.

### **Effingham County**

**Springfield to  
Rincon**      30      1325EST  
1335EST      0      0      **Thunderstorm Wind (G50)**  
Thunderstorm winds knocked down trees. A trained spotter measured a gust to 60 mph.

## GEORGIA, Southwest

### **GAZ155**

#### **Seminole**

**01**      1500EST      0      0      **25K**      **Flood**  
**02**      0300EST

The Seminole County EMA reported flooding along Fishpond Drain . High flows from upstream runoff along several creeks and streams was observed. Several county roads were closed due to high water.

### **GAZ144**

#### **Baker**

**04**      1200EST      0      0      **50K**      **Flood**  
**06**      2100EST

Torrential rains during the past weekend upstream caused flooding along the Flint River and nearby low-lying areas. Main, Broad and Water streets in Newton were flooded. The old courthouse was secured with sandbags. The river crested just shy of 31 feet on Wednesday. Reported by the Baker County EMA.

### **Quitman County**

**7 SW Georgetown**      22      1825EST      0      0      **Hail(0.88)**  
Nickel size hail reported by the Quitman County Sheriff.

### **Lee County**

**Chokee**      22      1845EST      0      0      **Hail(0.75)**  
Penny size hail reported by the public.

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Persons Injured	Estimated Damage Property Crops	Character of Storm
<b><u>GEORGIA, Southwest</u></b>								
<b>Tift County</b>								
<b>Tifton</b>	22	1845EST			0	0		<b>Hail(0.75)</b>
								Penny size hail reported by the public.
<b>Irwin County</b>								
<b>5 NW Ocilla</b>	27	0110EST			0	0		<b>Hail(1.75)</b>
								Golfball size hail reported by the public.
<b>Ben Hill County</b>								
<b>Fitzgerald</b>	27	0130EST			0	0		<b>Hail(1.00)</b>
								Quarter size hail reported by the Fitzgerald Police.
<b>Quitman County</b>								
<b>2 S Wire Bridge</b>	30	0905EST			0	0	5K	<b>Thunderstorm Wind (G50)</b>
								The Quitman County Sheriff reported several downed trees and power lines along Highway 39.
<b><u>GULF OF MEXICO</u></b>								
<b>GMZ655</b>								
<b>Pensacola Beach to</b>	01	0045CST			0	0		<b>Marine Tstm Wind (G36)</b>
<b>Navarre</b>		0050CST						
<b>GMZ555</b>								
<b>22 SSE Biloxi</b>	01	0430CST			0	0		<b>Marine Tstm Wind (G36)</b>
<b>GMZ655</b>								
<b>10 S Pensacola Beach to</b>	01	0500CST			0	0		<b>Marine Tstm Wind (G36)</b>
<b>20 S Destin</b>		0505CST						
<b>GMZ675</b>								
<b>20 S Pensacola Beach to</b>	01	0500CST			0	0		<b>Marine Tstm Wind (G36)</b>
<b>40 S Destin</b>		0505CST						
<b>GMZ555</b>								
<b>22 SSE Biloxi</b>	01	0513CST			0	0		<b>Marine Tstm Wind (G35)</b>
<b>GMZ555</b>								
<b>22 SSE Biloxi</b>	01	0540CST			0	0		<b>Marine Tstm Wind (G36)</b>
<b>GMZ550</b>								
<b>Grand Isle</b>	01	0550CST			0	0		<b>Marine Tstm Wind (G34)</b>
<b>GMZ550</b>								
<b>20 S Venice</b>	01	0818CST			0	0		<b>Marine Tstm Wind (G42)</b>
<b>GMZ550</b>								
<b>20 S Venice</b>	01	0949CST			0	0		<b>Marine Tstm Wind (G36)</b>
<b>GMZ675</b>								
<b>30 S Destin to</b>	01	1225CST			0	0		<b>Marine Tstm Wind (G34)</b>
<b>50 S Destin</b>		1230CST						
<b>GMZ450</b>								
<b>7 SW Mouth Of Sabine I</b>	06	0530CST			0	0		<b>Marine Tstm Wind (G43)</b>
								Oil rig recorded 50 mph wind gust.
<b>GMZ570</b>								
<b>1 S Port Fourchon to</b>	06	1109CST			0	0		<b>Waterspout</b>
<b>Port Fourchon</b>		1112CST						
								The captain of commercial ship observed and video recorded a waterspout approaching Port Fourchon. The waterspout came onshore as a tornado causing significant property damage. See described later in Storm Data.
<b>GMZ555</b>								
<b>22 SSE Biloxi</b>	06	1210CST			0	0		<b>Marine Tstm Wind (G37)</b>
<b>GMZ550</b>								
<b>20 S Venice</b>	06	1252CST			0	0		<b>Marine Tstm Wind (G34)</b>

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b><u>GULF OF MEXICO</u></b>									
GMZ650	Pensacola Fl To Pascagoula Ms Out 20Nm								
5 S Dauphin Island to 15 S Dauphin Island	06	1253CST 1258CST			0	0			Marine Tstm Wind (G40)
GMZ630	Mobile Bay								
Alabama Port	06	1325CST 1330CST			0	0			Marine Tstm Wind (G35)
GMZ630	Mobile Bay								
Alabama Port	06	1425CST 1430CST			0	0			Marine Tstm Wind (G40)
GMZ650	Pensacola Fl To Pascagoula Ms Out 20Nm								
Ft Morgan to 20 S Ft Morgan	06	1425CST 1430CST			0	0			Marine Tstm Wind (G40)
GMZ550	Sw Pass Of The Ms R To Atchafalaya R La Out 20Nm								
20 S Venice	06	1600CST			0	0			Marine Tstm Wind (G36)
GMZ575	Pascagoula Ms To Sw Pass Of Ms R 20 To 60Nm								
45 E Venice	06	1905CST			0	0			Marine Tstm Wind (G44)
GMZ670	Pensacola Fl To Pascagoula Ms 20 To 60Nm								
40 S Perdido Key to 60 S Perdido Key	06	2220CST 2230CST			0	0			Marine Tstm Wind (G35)
GMZ675	Destin To Pensacola Fl 20 To 60Nm								
40 S Pensacola Beach to 60 S Destin	06	2220CST 2230CST			0	0			Marine Tstm Wind (G35)
GMZ850	Tarpon Springs To Suwannee River Fl Out 20Nm								
Homossassa River	07	1554EST			0	0			Marine Tstm Wind (G41)
The gust was recorded at the COMPS station at the entrance to the Homossassa River on the USCG channel marker #26.									
GMZ853	Englewood To Tarpon Springs Fl Out 20Nm								
9 SSW St Petersburg Be	07	1724EST			0	0			Marine Tstm Wind (G47)
The gust was reported by the COMPS station at Egmont Key.									
GMZ830	Tampa Bay								
Lower Tampa Bay	07	1730EST			0	0			Marine Tstm Wind (G37)
The gust was measured at the PORTS station near the Sunshine Skyway bridge.									
GMZ830	Tampa Bay								
Old Tampa Bay	07	1742EST			0	0			Marine Tstm Wind (G43)
The wind gust was recorded at the tide gauge (8726607) located at Old Port Tampa.									
GMZ830	Tampa Bay								
Hillsborough Bay	07	1800EST			0	0			Marine Tstm Wind (G39)
The wind gust was measured at the tide gauge located at the Port of Tampa.									
GMZ75	Key W To Dry Tortugas Waters								
10 SW Key West	07	2356EST			0	0			Marine Tstm Wind (G49)
	08	2356EST							
Wind gust 49 knots (56 mph) measured at Sand Key C-MAN station.									
GMZ75	Key W To Dry Tortugas Waters								
10 SW Key West	08	0200EST			0	0			Marine Tstm Wind (G40)
Wind gust 40 knots (46 mph) measured at Sand Key C-MAN station.									
GMZ53	Craig Key To The W End Of The 7 Mile Bridge Out 20Nm								
6 SSW Marathon	08	0521EST			0	0			Marine Tstm Wind (G50)
Wind gust 50 knots (58 mph) measured at Sombrero Key Light C-MAN station.									
GMZ31	Florida Bay								
6 ENE Duck Key	08	0645EST			0	0			Marine Tstm Wind (G45)
Wind gust 45 knots (52 mph) measured at Long Key C-MAN station.									
GMZ53	Craig Key To The W End Of The 7 Mile Bridge Out 20Nm								
6 SSW Marathon	08	0906EST			0	0			Marine Tstm Wind (G34)
Wind gust 34 knots (39 mph) measured at Sombrero Key Light C-MAN station.									

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b><u>GULF OF MEXICO</u></b>									
<b>GMZ53</b> 6 SSW Marathon	<b>Craig Key To The W End Of The 7 Mile Bridge Out 20Nm</b>								
	08	1035EST			0	0			Marine Tstm Wind (G34)
	Wind gust 34 knots (39 mph) measured at Sombrero Key C-MAN station.								
<b>GMZ52</b> 8 SSE Key Largo	<b>Ocean Reef To Craig Key Fl Out 20Nm</b>								
	08	1153EST			0	0			Marine Tstm Wind (G34)
	Wind gust 34 knots (39 mph) measured at Molasses Reef C-MAN station.								
<b>GMZ53</b> 6 SSW Marathon	<b>Craig Key To The W End Of The 7 Mile Bridge Out 20Nm</b>								
	08	1222EST			0	0			Marine Tstm Wind (G40)
	Wind gust 40 knots (46 mph) measured at Sombrero Key Light C-MAN station.								
<b>GMZ555</b> 22 SSE Biloxi	<b>Pascagoula Ms To Sw Pass Of Ms R Out 20Nm</b>								
	11	0552CST			0	0			Marine Tstm Wind (G34)
<b>GMZ475</b> 68 S Marsh Island	<b>Atchafalaya R To Cameron La 20 To 60Nm</b>								
	11	1800CST			0	0			Marine Tstm Wind (G34)
	Oil rig recorded 40 mph wind gust.								
<b>GMZ530</b> Mid Lke Pontchartrain	<b>Lake Ponchartrain And Lake Maurepas</b>								
	11	1920CST			0	0			Marine Tstm Wind (G50)
<b>GMZ630</b> Alabama Port	<b>Mobile Bay</b>								
	11	2120CST 2123CST			0	0			Marine Tstm Wind (G35)
<b>GMZ650</b> Dauphin Island to 5 S Dauphin Island	<b>Pensacola Fl To Pascagoula Ms Out 20Nm</b>								
	11	2120CST 2125CST			0	0			Marine Tstm Wind (G35)
<b>GMZ630</b> Point Clear	<b>Mobile Bay</b>								
	11	2220CST 2225CST			0	0			Marine Tstm Wind (G40)
<b>GMZ650</b> Ft Morgan to 20 S Ft Morgan	<b>Pensacola Fl To Pascagoula Ms Out 20Nm</b>								
	11	2220CST 2225CST			0	0			Marine Tstm Wind (G40)
<b>GMZ670</b> 20 S Ft Morgan to 50 S Ft Morgan	<b>Pensacola Fl To Pascagoula Ms 20 To 60Nm</b>								
	11	2220CST 2225CST			0	0			Marine Tstm Wind (G40)
<b>GMZ630</b> Pinto Island	<b>Mobile Bay</b>								
	22	2035CST 2038CST			0	0			Marine Tstm Wind (G40)
<b>GMZ655</b> Pensacola Beach to 10 S Ft Walton Beach	<b>Destin To Pensacola Fl Out 20Nm</b>								
	26	0500CST			0	0			Marine Tstm Wind (G36)
<b>GMZ750</b> 4 W Panama City Beach	<b>Apalachicola To Destin Fl Out 20Nm</b>								
	26	0745EST			0	0			Waterspout
	A waterspout was sighted just offshore of U.S. Highway 98 by the public.								
<b>GMZ850</b> 9 SW Hudson	<b>Tarpon Springs To Suwannee River Fl Out 20Nm</b>								
	26	1848EST			0	0			Marine Tstm Wind (G36)
	The wind gust was recorded at the COMPS station at Cotie River in Port Richey.								
<b>GMZ830</b> Middle Tampa Bay	<b>Tampa Bay</b>								
	26	1924EST			0	0			Marine Tstm Wind (G34)
	A 34 knot wind gust was recorded at the MacDill Air Force Base.								
<b>GMZ630</b> Alabama Port	<b>Mobile Bay</b>								
	30	0640CST 0645CST			0	0			Marine Tstm Wind (G35)
<b>GMZ630</b> Alabama Port	<b>Mobile Bay</b>								
	30	0645CST 0650CST			0	0			Marine Tstm Wind (G34)



# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--	---------------------------------------	--------------------

## GULF OF MEXICO

<b>GMZ650</b>	<b>Pensacola Fl To Pascagoula Ms Out 20Nm</b>						
Gulf Shores to 20 S Gulf Shores	30 0645CST 0650CST				0 0		Marine Tstm Wind (G34)
<b>GMZ670</b>	<b>Pensacola Fl To Pascagoula Ms 20 To 60Nm</b>						
20 S Gulf Shores to 30 S Gulf Shores	30 0645CST 0650CST				0 0		Marine Tstm Wind (G34)
<b>GMZ475</b>	<b>Atchafalaya R To Cameron La 20 To 60Nm</b>						
48 SW Marsh Island	30 0805CST				0 0		Marine Tstm Wind (G39)
	Oil rig recorded 45 mph wind gust.						
<b>GMZ630</b>	<b>Mobile Bay</b>						
Pinto Island to Point Clear	30 0806CST 0810CST				0 0		Marine Tstm Wind (G34)
<b>GMZ650</b>	<b>Pensacola Fl To Pascagoula Ms Out 20Nm</b>						
Dauphin Island to 20 S Dauphin Island	30 0806CST 0810CST				0 0		Marine Tstm Wind (G34)
<b>GMZ555</b>	<b>Pascagoula Ms To Sw Pass Of Ms R Out 20Nm</b>						
22 SSE Biloxi	30 0830CST				0 0		Marine Tstm Wind (G35)
<b>GMZ455</b>	<b>Atchafalaya R To Cameron La Out 20Nm</b>						
21 SW Marsh Island	30 0830CST				0 0		Marine Tstm Wind (G34)
	Oil rig recorded 40 mph wind gust.						
<b>GMZ630</b>	<b>Mobile Bay</b>						
Alabama Port	30 0853CST 0858CST				0 0		Marine Tstm Wind (G34)
<b>GMZ650</b>	<b>Pensacola Fl To Pascagoula Ms Out 20Nm</b>						
Dauphin Island to 20 S Dauphin Island	30 0853CST 0900CST				0 0		Marine Tstm Wind (G34)
<b>GMZ475</b>	<b>Atchafalaya R To Cameron La 20 To 60Nm</b>						
39 S Marsh Island	30 0900CST				0 0		Marine Tstm Wind (G48)
	Oil rig recorded 55 mph wind gust.						
<b>GMZ455</b>	<b>Atchafalaya R To Cameron La Out 20Nm</b>						
29 SE Marsh Island	30 0930CST				0 0		Marine Tstm Wind (G52)
	Oil rig recorded 60 mph wind gust.						
<b>GMZ550</b>	<b>Sw Pass Of The Ms R To Atchafalaya R La Out 20Nm</b>						
20 S Venice	30 1158CST				0 0		Marine Tstm Wind (G40)
<b>GMZ575</b>	<b>Pascagoula Ms To Sw Pass Of Ms R 20 To 60Nm</b>						
45 E Venice	30 1338CST				0 0		Marine Tstm Wind (G34)

## HAWAII

<b>HIZ002-008&gt;009-012-017-020-024&gt;025</b>	<b>Kauai Windward - Oahu Koolau - Olomana - Molokai Windward - Maui Windward West - Windward Haleakala - South Big Island - Big Island North And East</b>						
	01 1100HST 04 1100HST				0 0		Heavy Surf/High Surf
	A trade wind swell produced surf of 5 to 10 feet along the east-facing shores of Kauai, Oahu, Molokai, Maui, and the Big Island of Hawaii. There were no reports of serious property damage or injuries.						
<b>HIZ001&gt;003-006&gt;008-012&gt;013-017-019&gt;020</b>	<b>Niihau - Kauai Windward - Kauai Leeward - Waianae Coast - Oahu North Shore - Oahu Koolau - Molokai Windward - Molokai Leeward - Maui Windward West - Maui Central Valley - Windward Haleakala</b>						
	18 0800HST 19 1200HST				0 0		Heavy Surf/High Surf
	A low northwest of the state generated surf of 8 to 16 feet along the north-facing shores, and 6 to 12 feet along the west-facing shores; of Niihau, Kauai, Oahu, Molokai, and Maui. No serious injuries or property damage were reported.						

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## HAWAII

**HIZ001>003-005-013>014- Niihau - Kauai Windward - Kauai Leeward - Oahu South Shore - Molokai Leeward - Lanai Makai - Kahoolawe - Maui 016-018>019-021-023>024- Leeward West - Maui Central Valley - Leeward Haleakala - Kona - South Big Island - Kohala 026**

**29 0600HST 0 0 Heavy Surf/High Surf**  
**30 2000HST**

A low northwest of the islands caused surf of 10 to 20 feet along the north- and west-facing shores of Niihau and Kauai; and a series of lows in the southern hemisphere generated surf of 4 to 8 feet along the south-facing shores of Niihau, Kauai, Oahu, Molokai, Lanai, and Maui, and the west-facing shores of the Big Island of Hawaii. No serious property damage or injuries were reported.

## IDAHO, Extreme Southeast

### IDAHO, North

#### Idaho County

**10 SE Grangeville to 23 1600PST 0 0 Thunderstorm Wind (G54)**  
**5 W Elk City 1615PST**

Strong thunderstorm produced damaging winds and heavy rain. A 10 mile stretch of Highway 14 between Grangeville and Elk City had downed trees and power lines with branches and large rocks on the road between mile markers 17 and 29.

### IDAHO, Northwest

#### IDZ027

**Lewis And Southern Nez Perce**  
**11 2200PST 0 0 Heavy Snow**  
**12 0800PST**

A small storm system dropping down from western British Columbia moved across the Camas Prairie on the night of April 11 through the morning of April 12th. About 4 inches of snow were common across the higher portions of the Camas Prairie with 4.6 inches being reported at the town of Winchester.

### IDAHO, Southeast

#### IDZ017-020>021

**Eastern Magic Valley - Upper Snake River Plain - Lower Snake River Plain**  
**13 1500MST 0 0 5K High Wind (G44)**  
**2200MST**

A strong cold front moved through southeast Idaho during the afternoon and evening hours and high winds were felt in the Snake River Plain ahead of as well as behind the front. Craters of the Moon reported one and a half hours of sustained 40 to 50 mph winds with gusts to 63 mph. Richfield reported a sustained wind of 40 mph at 425 pm MST with gusts to 60 mph. Raft River reported sustained winds of 40 to 45 mph from 455 pm MST to 635 pm MST. Minidoka reported sustained 42 to 51 mph winds from 450 pm MST through 635 pm MST with gusts of 60 to 65 mph. Two telephone poles in the city of Burley were blown over as well as a silo and a large spruce tree within the city. Power lines were downed in Bingham County with power outages in Rockford and west of Springfield. Power lines were down in Blackfoot and Chubbuck and Pocatello in Bannock County with minor power outages. Power outages also reported in American Falls in Power County.

#### IDZ017-021

**Eastern Magic Valley - Lower Snake River Plain**  
**19 1700MST 0 0 Heavy Snow**  
**20 1100MST**

A spring snowstorm brought late season snow to the Snake River Plain and surrounding mountains. 3 to 5 inches were reported in Burley, American Falls and Pocatello with 4 to 6 inches in Mink Creek and Oakley. Several minor traffic accidents were reported during the evening of the 19th in Burley but no injuries reported.

#### Bingham County

**1 N Ft Hall 19 1730MST 0 0 Hail(1.00)**  
**1740MST**

#### Bannock County

**2 N Chubbuck 19 1755MST 0 0 1K Thunderstorm Wind (G60)**  
**1805MST**

Wind damage reported in Bannock County. Several fences blown down as well as a basketball stand broken in wind.

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## IDAHO, Southwest

**IDZ015-030**      **Southwest Highlands - Southern Twin Falls County**  
**20**      **0100MST**      **0**      **0**      **Heavy Snow**  
**1000MST**  
8-12 inches new snow fell behind a cold front.

**Ada County**  
**7 S (Boi)Gowen Fld Bois** **27**      **1710MST**      **0**      **0**      **Hail(0.88)**  
**1715MST**  
Thunderstorm behind a cold front

## ILLINOIS, Central

**Macon County**  
**Niantic**      **12**      **1325CST**      **0**      **0**      **Hail(0.88)**

**Morgan County**  
**2 N Jacksonville**      **12**      **1412CST**      **0**      **0**      **Hail(0.75)**

**Marshall County**  
**Lacon**      **20**      **1332CST**      **0**      **0**      **Hail(0.88)**

**Peoria County**  
**1 S Edelstein**      **20**      **1420CST**      **0**      **0**      **Thunderstorm Wind (G50)**  
Large tree limbs down.

**Peoria County**  
**Rome**      **20**      **1435CST**      **0**      **0**      **Thunderstorm Wind (G50)**  
A few trees and tree limbs down.

**Woodford County**  
**Metamora**      **20**      **1454CST**      **0**      **0**      **Hail(0.75)**

**Peoria County**  
**2 W Rome**      **20**      **1512CST**      **0**      **0**      **Thunderstorm Wind (G50)**  
Large tree down on Wayne Road.

**Macon County**  
**1 S Macon**      **22**      **1406CST**      **0.1**      **10**      **0**      **0**      **Tornado (F0)**  
A tornado briefly touched down in a field. No damage or injuries were reported.

**Macon County**  
**2 E Elwin**      **22**      **1414CST**      **0.1**      **40**      **0**      **0**      **Tornado (F0)**  
A tornado briefly touched down in a field. No damage or injuries were reported.

**Clay County**  
**Clay City**      **22**      **1419CST**      **0**      **0**      **Hail(1.00)**

**Richland County**  
**Olney**      **22**      **1420CST**      **0**      **0**      **Thunderstorm Wind (G50)**  
Trees and power lines down.

**Richland County**  
**Olney**      **22**      **1430CST**      **0**      **0**      **Thunderstorm Wind (G50)**  
Trees and power lines down.

**Lawrence County**  
**St Francisville**      **22**      **1500CST**      **0**      **0**      **Hail(1.00)**

## ILLINOIS, Northeast

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## ILLINOIS, Northwest

### Hancock County

2 SW Sutter	12	1247CST 1248CST			0	0			Hail(0.75)
-------------	----	--------------------	--	--	---	---	--	--	------------

Thunderstorms developed in West Central Illinois along a trof of low pressure in a semi-moist atmosphere. Due to the slow movement of the storms, some ponding of water on urban roads occurred. A single storm produced some dime to penny sized hailstones along with copious amounts of pea to half inch hail.

### Mercer County

2.4 NNW Keithsburg	20	1756CST 1801CST			0	0	2K		Hail(1.00)
--------------------	----	--------------------	--	--	---	---	----	--	------------

### Mercer County

Keithsburg	20	1801CST 1806CST			0	0	5K		Hail(1.00)
------------	----	--------------------	--	--	---	---	----	--	------------

Covered the ground

Weak low pressure developed along a stationary front across Iowa and moved east. The low allowed isolated severe thunderstorms to develop in a semi-moist atmosphere across East Central Iowa. The storms moved southeast along the front into Northwest and West Central Illinois.

## ILLINOIS, South

### ILZ087-092>094

#### Gallatin - Alexander - Pulaski - Massac

01 14	0000CST 1700CST			0	0				Flood
----------	--------------------	--	--	---	---	--	--	--	-------

Minor flooding of the Ohio River occurred. At Shawneetown, where flood stage is 33 feet, the river crested at 37.8 feet on April 8. At Brookport, where flood stage is 37 feet, the river crested at 38.2 feet on the 10th. At Grand Chain, where flood stage is 42 feet, the crest of 43.0 feet occurred on the 11th. At Cairo, where flood stage is 40 feet, the crest of 40.7 feet was on the 12th. Minor flooding of low-lying fields and woodlands occurred

### ILZ094

#### Massac

11	1910CST 1950CST			0	0	7K			High Wind (G50)
----	--------------------	--	--	---	---	----	--	--	-----------------

Trees and power poles were blown down at several locations around Massac County. The tree and utility line damage was most significant near Joppa, where winds were estimated near 60 MPH. Strong winds were also reported in neighboring counties, but they were not as high as in Massac County. Wind gusts were measured to 45 MPH at the airport near Cairo in Alexander County. In Pulaski County, wind gusts estimated up to 50 MPH blew some debris and tree limbs onto roads. The winds weakened north and east of Massac County, with gusts estimated from 30 to 40 MPH in Gallatin County. The wind event was associated with a mesoscale area of low pressure in the wake of an area of showers.

### Saline County

2 E Eldorado	12	0947CST			0	0			Funnel Cloud
--------------	----	---------	--	--	---	---	--	--	--------------

### Saline County

2 S Eldorado to 2 E Eldorado	12	1033CST 1037CST			0	0			Hail(0.75)
---------------------------------	----	--------------------	--	--	---	---	--	--	------------

### White County

Norris City	12	1115CST			0	0			Hail(0.88)
-------------	----	---------	--	--	---	---	--	--	------------

### Williamson County

Bush	12	1200CST			0	0			Hail(1.00)
------	----	---------	--	--	---	---	--	--	------------

### Edwards County

Albion	12	1217CST			0	0			Hail(0.75)
--------	----	---------	--	--	---	---	--	--	------------

### Franklin County

West Frankfort	12	1225CST			0	0			Hail(0.75)
----------------	----	---------	--	--	---	---	--	--	------------

### Perry County

Du Quoin	12	1232CST			0	0			Hail(0.75)
----------	----	---------	--	--	---	---	--	--	------------

### Jefferson County

3 E Bonnie	12	1254CST			0	0			Hail(1.00)
------------	----	---------	--	--	---	---	--	--	------------

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## ILLINOIS, South

Jefferson County  
3 N Waltonville

12 1320CST 0 0 Hail(1.00)

Jefferson County  
1 SE Woodlawn

12 1320CST 0 0 Funnel Cloud

Johnson County  
West Vienna

12 1548CST 0 0 Hail(0.75)

Very cold temperatures in the upper levels of the atmosphere promoted the development of hail in numerous storms. Copious amounts of hail covered the ground in some cases. Most of the hail was no larger than dimes. A couple of funnel clouds were observed by sheriff personnel and trained spotters. Two of the most intense storms tracked slowly north across Jefferson County, producing hail up to the size of quarters in the southern half of the county.

Jefferson County  
2 SW Nason to  
Ina

12 1812CST  
1820CST 4.4 50 0 0 Tornado (F0)



*Photo of the Rend Lake tornado, taken looking northeast from the town of Sesser. Photo by Deon Seiler.*

This tornado, which was videotaped and well-photographed, was over Rend Lake during most of its existence. Tree limbs were blown down south of Nason, as well as near Ina. Peak winds were estimated near 65 MPH.

Jefferson County  
1.5 SSW Ina

12 1830CST 0 0 Hail(0.88)

Nickel-size hail covered the ground at Rend Lake College, which is along Interstate 57 near the Ina exit.

A supercell thunderstorm developed along the western Franklin/Jefferson County line, then moved east along the county line. The storm produced copious amounts of large hail, up to the size of nickels, along with a weak tornado that lasted about 8 minutes.

Jefferson County  
4 W Mt Vernon

21 2043CST 0 0 Hail(0.75)

Perry County  
Cutler

22 1230CST 0 0 Hail(0.88)

Perry County  
Tamaroa

22 1250CST 0 0 Hail(0.88)

Jefferson County  
2 N Woodlawn to  
Woodlawn

22 1254CST  
1301CST 0 0 Thunderstorm Wind (G63)

Winds gusted from 60 to around 70 MPH in the Woodlawn area. A spotter measured a wind gust to 72 MPH about two miles north of Woodlawn.

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
<b>ILLINOIS, South</b>							
<b>Jefferson County</b> 4 SW Mt Vernon to Mt Vernon	22	1258CST 1308CST			0 0		Hail(1.00)
Nickel to quarter size hail was reported in and southwest of Mount Vernon.							
<b>Franklin County</b> 1 S Sesser	22	1259CST			0 0	2K	Thunderstorm Wind (G56)
The top of a barn was blown off.							
<b>Franklin County</b> West Frankfort to Thompsonville	22	1315CST 1328CST			0 0	5K	Thunderstorm Wind (G52)
Numerous trees were blown down in Thompsonville, and a tree was down in the eastern part of West Frankfort.							
<b>Johnson County</b> Tunnel Hill	22	1315CST			0 0		Hail(1.00)
<b>Williamson County</b> Johnston City to Marion	22	1315CST 1320CST			0 0	15K	Thunderstorm Wind (G50)
Trees landed on two houses, including one in Marion and one in Johnston City. About eight trees were down across the county.							
<b>Williamson County</b> Creal Spgs	22	1324CST			0 0		Hail(0.75)
<b>Hamilton County</b> 9 W Mc Leansboro	22	1334CST			0 0	2K	Thunderstorm Wind (G50)
Small trees were blown down, and tree limbs landed on power lines. The damage was on Highway 14 near the Franklin County line							
<b>Saline County</b> Carriers Mills to Harrisburg	22	1340CST 1349CST			0 0		Hail(2.00)
Golf-ball size hail, with some even larger stones mixed in, was reported in Carrier Mills. One-inch hail fell in and near Harrisburg.							
<b>Saline County</b> 5 WNW Galatia to Harrisburg	22	1342CST 1352CST			0 0		Thunderstorm Wind (G52)
A large tree was blown across Illinois Route 34 near the Franklin County line. Trees were down about 2.5 miles northwest of Harrisburg, blocking a road. Wind gusts were estimated near 60 MPH on the east side of Harrisburg.							
<b>Wayne County</b> Johnsonville to Cisne	22	1351CST 1402CST			0 0		Hail(1.00)
Dime to quarter size hail fell.							
<b>Pope County</b> 1 E Herod	22	1355CST			0 0	2K	Thunderstorm Wind (G50)
Trees and power lines were blown down near the Saline County line.							
<b>Wayne County</b> Wayne City	22	1355CST			0 0	3K	Thunderstorm Wind (G55)
Two houses on the south edge of town sustained roof damage. A third house received antenna damage.							
<b>Wayne County</b> Fairfield	22	1407CST			0 0	10K	Thunderstorm Wind (G52)
Trees and power lines were blown down. Two trees landed on houses. Roofing was blown off a business. Large tree limbs were blown down, including one that landed on a garage and another on a truck. Some shingles were blown off houses.							
<b>White County</b> Grayville	22	1415CST			0 0	20K	Thunderstorm Wind (G52)
A large tree was blown down, landing on power lines and a car. The car was demolished, and two power poles were taken down. A few other trees and power lines were downed in the city.							
<b>Edwards County</b> 8.5 SSE Albion	22	1416CST			0 0		Hail(0.88)
Dime to nickel size hail fell in Grayville.							
<b>Edwards County</b> Albion	22	1424CST			0 0		Thunderstorm Wind (G50)

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## ILLINOIS, South

Tree limbs and a large tree were blown down.

### **Wabash County**

**Keensburg to  
Mt Carmel**

22 1427CST 1440CST 0 0 Thunderstorm Wind (G52)

At least a couple of trees were blown down in Keensburg, one of which was very large. Large tree limbs were down in Mount Carmel. Wind gusts were estimated near 60 MPH at Keensburg and Bellmont.

### **Wabash County**

**Allendale**

22 1445CST 0 0 Hail(0.75)

Strong to severe thunderstorms developed west through southwest of Mount Vernon, then tracked eastward across southern Illinois. Some of the storms produced large hail and damaging wind. One of the most intense storms tracked from Perry County northeast across the Mount Vernon area. Another particularly severe storm tracked northeast from near the Johnson/Williamson County line across the Harrisburg area. These storms formed along a cold front and very close to an upper level low pressure system.

### **Saline County**

**Harrisburg**

22 1351CST 1530CST 0 0 Flash Flood

Many streets were flooded in and around Harrisburg. Swiftly moving water was reported along several streets in parts of Harrisburg.

## ILLINOIS, Southwest

### **Clinton County**

**5 SW Breese**

12 1237CST 0 0 Hail(0.75)

### **Macoupin County**

**Girard**

12 1256CST 0 0 Hail(0.88)

### **Montgomery County**

**2 S Waggoner**

12 1307CST 0.1 40 0 0 Tornado (F0)

A tornado briefly touched down in a field near the Coldfield Rest Area on I-55. No damage or injuries were reported.

### **St. Clair County**

**1 W Floraville**

12 1824CST 2215CST 0 0 Flash Flood

Very heavy rain fell in a short amount of time over St. Clair County. This caused Kopp Creek, west of Floraville, to rise out of its banks for a time.

### **Madison County**

**Alton**

20 1615CST 0 0 Hail(0.88)

Storm spotters reported a brief period of 3/4 inch hail.

### **Macoupin County**

**5 W Carlinville**

21 1935CST 0 0 Hail(1.00)

### **Macoupin County**

**5 SW Carlinville**

21 1935CST 0 0 Hail(1.75)

### **Macoupin County**

**Carlinville**

21 1950CST 0 0 Hail(0.88)

Macoupin County Emergency Management reported hail up to golfball size southwest of Carlinville and nickel size hail in Carlinville.

## INDIANA, Central

### **Daviess County**

**3 SE Odon**

12 2015EST 2115EST 0 0 Flash Flood

Highway 231 was covered with water at the intersection of US 231 and SR 58.

### **Hamilton County**

**Fishers**

22 0215EST 0 0 250K Lightning

Lightning struck and damaged at least seven homes in the Fishers area early in the morning of 22 April 2005. One of these homes was so heavily damaged that it was possible that the home may have needed to be razed.

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b><u>INDIANA, Central</u></b>									
Lawrence County Mitchell	22	1515EST 1516EST			0	0			Hail(0.75)
Jackson County 4 NE Medora	22	1540EST 1541EST			0	0			Hail(0.75)
Morgan County Mooresville	22	1549EST 1550EST			0	0			Hail(0.75)
Morgan County 1 NE Mooresville	22	1550EST 1551EST			0	0			Hail(0.88)
Marion County 5 SW Indianapolis	22	1555EST 1556EST			0	0			Hail(0.75)
Knox County 3 E Vincennes	22	1556EST			0	0			Thunderstorm Wind (G50)
Marion County 5 SW Indianapolis	22	1558EST 1559EST			0	0			Hail(1.00)
Jackson County 10 SW Seymour	22	1559EST 1600EST			0	0			Hail(1.00)
Knox County 3 E Vincennes	22	1600EST			0	0			Thunderstorm Wind (G50)
Marion County 4 SW Indianapolis to 9 NE Indianapolis	22	1603EST 1604EST			0	0			Hail(1.00)
Marion County 5 S Indianapolis	22	1603EST 1604EST			0	0			Hail(0.75)
Marion County 1 S Indianapolis	22	1608EST 1609EST			0	0			Hail(0.75)
Knox County 3 E Vincennes	22	1610EST 1611EST			0	0			Hail(0.75)
Jackson County Seymour	22	1613EST 1614EST			0	0			Hail(0.75)
Knox County 5 E Vincennes	22	1621EST 1622EST			0	0			Hail(1.00)
Johnson County 3 W Greenwood	22	1627EST 1628EST			0	0			Hail(1.00)
Knox County 3 E Vincennes	22	1627EST 1628EST			0	0			Hail(0.75)
Johnson County Greenwood	22	1640EST 1641EST			0	0			Hail(0.75)
Marion County Southport	22	1640EST 1641EST			0	0			Hail(0.75)



# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b><u>INDIANA, Central</u></b>									
<b>Johnson County</b>									
1 N Greenwood	22	1641EST 1642EST			0	0			Hail(1.00)
<b>Marion County</b>									
5 S Indianapolis	22	1641EST 1642EST			0	0			Hail(1.00)
<b>Daviess County</b>									
Cannelburg	22	1645EST Trees and power lines were blown down.			0	0			Thunderstorm Wind (G50)
<b>Daviess County</b>									
Montgomery	22	1645EST Trees and power lines were blown down.			0	0			Thunderstorm Wind (G50)
<b>Daviess County</b>									
Washington	22	1645EST Trees and power lines were blown down.			0	0			Thunderstorm Wind (G50)
<b>Jennings County</b>									
6 SE North Vernon	22	1655EST 1656EST			0	0			Hail(0.75)
<b>Shelby County</b>									
Fairland	22	1655EST 1656EST			0	0			Hail(1.75)
<b>Martin County</b>									
Loogootee	22	1657EST Trees were blown down.			0	0			Thunderstorm Wind (G50)
<b>Marion County</b>									
Indianapolis	22	1659EST 1700EST			0	0			Hail(1.00)
<b>Hamilton County</b>									
Carmel	22	1700EST 1701EST			0	0			Hail(1.00)
<b>Marion County</b>									
5 N Indianapolis	22	1701EST 1702EST			0	0			Hail(1.00)
<b>Hamilton County</b>									
Carmel	22	1702EST 1703EST			0	0			Hail(1.00)
<b>Jackson County</b>									
Brownstown	22	1705EST 1706EST			0	0			Hail(0.88)
<b>Marion County</b>									
1 NE Indianapolis	22	1705EST 1706EST			0	0			Hail(0.75)
<b>Hamilton County</b>									
Carmel	22	1710EST 1711EST			0	0			Hail(0.75)
<b>Marion County</b>									
Indianapolis	22	1710EST 1711EST			0	0			Hail(1.75)
<b>Hamilton County</b>									
Fishers	22	1721EST 1722EST			0	0			Hail(0.75)
<b>Hendricks County</b>									
2 NE Danville	22	1724EST 2225EST			0	0			Hail(0.75)

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b>INDIANA, Central</b>									
<b>Shelby County</b> 6 W Shelbyville	22	1725EST			0	0			Thunderstorm Wind (G50)
		Trees were blown down.							
<b>Shelby County</b> Shelbyville	22	1726EST 1727EST			0	0			Hail(1.50)
<b>Hancock County</b> 2 S Westland	22	1730EST			0	0			Thunderstorm Wind (G50)
		Trees were blown down.							
<b>Lawrence County</b> Mitchell	22	1730EST			0	0			Thunderstorm Wind (G50)
		Trees were blown down.							
<b>Rush County</b> Carthage	22	1730EST			0	0			Thunderstorm Wind (G50)
		Trees and a highway sign were blown down.							
<b>Hendricks County</b> 8 E Danville	22	1732EST 1733EST			0	0			Hail(0.88)
<b>Shelby County</b> Shelbyville	22	1735EST 1736EST			0	0			Hail(0.75)
<b>Hamilton County</b> Carmel	22	1738EST 1739EST			0	0			Hail(0.75)
<b>Shelby County</b> 1 E Shelbyville	22	1738EST 1739EST			0	0			Hail(1.75)
<b>Jackson County</b> Brownstown	22	1749EST			0	0			Thunderstorm Wind (G50)
		Trees were blown down.							
<b>Shelby County</b> 10 S Shelbyville	22	1801EST 1802EST			0	0			Hail(1.00)
<b>Morgan County</b> Mooresville	22	1823EST 1824EST			0	0			Hail(0.75)
<b>Decatur County</b> Clarksburg	22	1826EST 1827EST			0	0			Hail(1.00)
<b>Morgan County</b> 5 S Mooresville	22	1827EST 1828EST			0	0			Hail(1.50)
<b>Decatur County</b> Clarksburg	22	1835EST 1836EST			0	0			Hail(0.75)
<b>Johnson County</b> 5 W Greenwood	22	1845EST			0	0			Thunderstorm Wind (G50)
		Trees were blown down.							

Complexes of severe thunderstorms moved northward through central Indiana on the afternoon and evening of 22 April 2005. Widespread reports of hail were received, with some damaging winds reported as well.

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b><u>INDIANA, Northeast</u></b>									
Huntington County 5 SW Markle	20	1450EST 1455EST			0	0			Hail(0.75)
Penny size hail fell for 5 minutes.									
<b><u>INDIANA, Northwest</u></b>									
<b><u>INDIANA, South Central</u></b>									
Washington County Mc Kinley	22	1547EST			0	0			Hail(0.75)
Penny size hail covered the ground.									
Dubois County Ferdinand	22	1645EST			0	0	75K		Thunderstorm Wind (G70)
Thunderstorm winds caused widespread damage in and east of Ferdinand. The roof was blown off a processing plant. Several homes in the town sustained roof damage. A horse barn was destroyed east of town.									
Dubois County Birdseye	22	1648EST			0	0			Thunderstorm Wind (G70)
A tree 18 inches in diameter was blown across a road.									
Orange County Countywide	22	1653EST			0	0			Thunderstorm Wind (G65)
Trees were blown down countywide. One was blocking the intersection of Highway 56 and Airport Road in French Lick.									
Crawford County Countywide	22	1700EST			0	0	10K		Thunderstorm Wind (G65)
Aluminum siding was torn from a building in English. Trees and power lines were downed countywide.									
Dubois County Countywide	22	1700EST			0	0			Thunderstorm Wind (G65)
Numerous trees and power lines were blocking roads across the county. Billboards and signs were blown over along Interstate 64 near Ferdinand.									
Washington County Livonia	22	1702EST			0	0			Hail(1.75)
Floyd County New Albany	22	1745EST			0	0			Thunderstorm Wind (G52)
Clark County Sellersburg	22	1800EST			0	0			Thunderstorm Wind (G50)
Trees were downed.									
<b><u>INDIANA, Southeast</u></b>									
Ripley County 1 SSW Sunman	22	1750EST 1754EST			0	0			Hail(1.00)
Switzerland County 2 N Vevay to East Enterprise	22	1800EST 1810EST			0	0	20K		Hail(1.50)
Ohio County 2 W Rising Sun	22	1815EST 1819EST			0	0			Hail(0.88)

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b>INDIANA, Southwest</b>									
<b>INZ085-087</b>									
<b>Posey - Warrick</b>									
<b>01 0000CST</b>					<b>0</b>	<b>0</b>			<b>Flood</b>
<b>11 2000CST</b>									
Minor flooding of the Ohio River occurred. At Newburgh, where flood stage is 38 feet, the river crested at 41.4 feet on April 8. At Mount Vernon, where flood stage is 35 feet, the river crested at 37.5 feet on the same date. This resulted in minor flooding of low-lying fields and woodlands.									
<b>Vanderburgh County</b>									
<b>5 WSW Evansville</b>	<b>12</b>	<b>1440CST</b>			<b>0</b>	<b>0</b>			<b>Hail(0.75)</b>
Dime-size hail was reported at the University of Southern Indiana.									
<b>Spencer County</b>									
<b>Hatfield</b>	<b>12</b>	<b>1458CST</b>			<b>0</b>	<b>0</b>			<b>Hail(0.75)</b>
<b>Vanderburgh County</b>									
<b>1 N Stacer</b>	<b>12</b>	<b>1530CST</b>			<b>0</b>	<b>0</b>			<b>Funnel Cloud</b>
On the south side of Interstate 64 near the Gibson County line, a wall cloud lowered and produced a small funnel. The funnel cloud never extended more than halfway to the ground. After about 15 minutes, the wall cloud ascended into the storm base.									
<b>Spencer County</b>									
<b>Lamar</b>	<b>12</b>	<b>1548CST</b>			<b>0</b>	<b>0</b>			<b>Hail(0.75)</b>
Very cold temperatures in the upper levels of the atmosphere promoted the development of hail-producing thunderstorms. The hail ranged up to the size of dimes in a few storms.									
<b>Posey County</b>									
<b>Wadesville to Poseyville</b>	<b>22</b>	<b>1422CST</b> <b>1433CST</b>			<b>0</b>	<b>0</b>			<b>Hail(1.00)</b>
Dime-size hail was reported in Wadesville, and one-inch hail fell at Poseyville.									
<b>Posey County</b>									
<b>Wadesville</b>	<b>22</b>	<b>1425CST</b>			<b>0</b>	<b>0</b>	<b>2K</b>		<b>Thunderstorm Wind (G52)</b>
A trained spotter measured a wind gust to 60 MPH. Trees and fences were blown down along Route 66.									
<b>Vanderburgh County</b>									
<b>St Wendells</b>	<b>22</b>	<b>1435CST</b> <b>1440CST</b>			<b>0</b>	<b>0</b>	<b>20K</b>		<b>Hail(2.75)</b>
Hail about the size of baseballs broke windows.									
<b>Vanderburgh County</b>									
<b>Evansville to (Ev)Dress Arpt Evan</b>	<b>22</b>	<b>1436CST</b> <b>1443CST</b>			<b>0</b>	<b>0</b>	<b>30K</b>		<b>Thunderstorm Wind (G53)</b>
The automated observing system at the Evansville Airport measured a wind gust to 61 MPH. Multiple trees and power lines were blown down on the southwest side of Evansville. A trained spotter estimated a gust to 60 MPH on the west side of Evansville. A tree fell on a car, smashing the windshield and briefly trapping two women. One of the women was taken to a local hospital but was not injured.									
<b>Gibson County</b>									
<b>Haubstadt</b>	<b>22</b>	<b>1450CST</b>			<b>0</b>	<b>0</b>			<b>Hail(1.00)</b>
<b>Warrick County</b>									
<b>Newburgh</b>	<b>22</b>	<b>1500CST</b>			<b>0</b>	<b>0</b>			<b>Thunderstorm Wind (G50)</b>
Trees were blown down on Bell Road.									
<b>Warrick County</b>									
<b>Lynnville to Selvin</b>	<b>22</b>	<b>1505CST</b> <b>1520CST</b>			<b>0</b>	<b>0</b>	<b>10K</b>		<b>Thunderstorm Wind (G52)</b>
Trees and power lines were blown down along the Interstate 64 corridor across northern Warrick County, including Lynnville and Selvin. In Selvin, wind gusts estimated near 60 MPH blew the roof and doors off a pole barn.									
<b>Gibson County</b>									
<b>Oakland City</b>	<b>22</b>	<b>1508CST</b>			<b>0</b>	<b>0</b>			<b>Thunderstorm Wind (G52)</b>
An off-duty National Weather Service employee estimated a wind gust to 60 MPH.									
<b>Pike County</b>									
<b>Petersburg</b>	<b>22</b>	<b>1510CST</b>			<b>0</b>	<b>0</b>			<b>Thunderstorm Wind (G50)</b>
Numerous trees were blown down.									

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## INDIANA, Southwest

### Warrick County

Selvin 22 1520CST 0 0 10K Lightning

Lightning struck the Selvin Community Center, burning a portion of the roof.

Strong to severe thunderstorms tracked east across southwest Indiana. The most intense storm of this episode moved from northeast Posey County across northern Vanderburgh County, producing very large and damaging hail northwest of Evansville. Outflow winds from this storm were clocked around 60 MPH in the Evansville area. The storm then continued across southern Gibson County and Pike County.

## IOWA, Central

### Greene County

2 S Rippey 19 1828CST 0 0 Hail(0.75)

### Grundy County

1 N Reinbeck 19 2026CST 0 0 Hail(0.75)

### Tama County

1 NNE Gladbrook 19 2051CST 0 0 Hail(0.75)

### Carroll County

Arcadia 19 2123CST 0 0 Hail(0.75)

### Audubon County

4 S Audubon 19 2136CST 0 0 1K Hail(0.88)

### Marshall County

Gilman 20 0200CST 0 0 3K Lightning

Moist and unstable air was in place over Iowa as a cold front dropped southeast into the state. Surface dew points were in the upper 50s to low 60s. Precipitable water values were quite high for the time of the year with amounts in the 1 to 1.5 inch range. The airmass became quite unstable in the afternoon with CAPE values near 2500 J/kg and lifted indices in the -7 C. range. In spite of the passage of a strong upper level low earlier in the day, rapid destabilization and the approaching cold front allowed for a line of strong thunderstorms to develop. They generally formed in an east to west line across the central sections of the state. The storms produced very heavy rainfall and marginal severe hail. Reports of three quarter inch hail were received with some of the hail up to nickle size. Later on, the thunderstorms produced a lightning strike near Gilman. The lightning struck a tree and blow out the windows in several houses in the area.

## IOWA, East Central and Southeast

### Muscatine County

4.8 ESE Nichols 20 1741CST  
1746CST 0 0 Hail(0.88)

Weak low pressure developed along a stationary front across Iowa and moved east. The low allowed isolated severe thunderstorms to develop in a semi-moist atmosphere across East Central Iowa. The storms moved southeast along the front into Northwest and West Central Illinois.

## IOWA, Northeast

### Clayton County

1 SW Elkader 17 1455CST 0 0 Hail(0.75)

### Clayton County

1 SW Elkader 17 1503CST 0 0 Hail(0.75)

### Clayton County

Garber 17 1540CST 0 0 1K Hail(1.75)

### Clayton County

Elkport 17 1550CST 0 0 0.80K Hail(1.50)

Hail ranging in size from pennies to golf balls was reported by the public and amateur radio operators.

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b><u>IOWA, Northwest</u></b>									
<b>Clay County</b> <b>Spencer</b>	<b>06</b>	<b>0738CST</b> <b>0815CST</b>			<b>0</b>	<b>0</b>			<b>Flash Flood</b>
Runoff from heavy rain caused flooding of numerous streets in Spencer, with water flowing over curbs.									
<b>Lyon County</b> <b>7 SW Larchwood</b>	<b>17</b>	<b>1637CST</b>			<b>0</b>	<b>0</b>			<b>Hail(0.75)</b>
<b>Woodbury County</b> <b>Salix</b>	<b>17</b>	<b>1709CST</b>			<b>0</b>	<b>0</b>			<b>Thunderstorm Wind (G52)</b>
Thunderstorm winds blew down one to two inch diameter branches and a few power poles.									
<b>Woodbury County</b> <b>2 E Salix</b>	<b>17</b>	<b>1713CST</b>			<b>0</b>	<b>0</b>			<b>Hail(0.88)</b>
<b>Plymouth County</b> <b>Le Mars</b>	<b>17</b>	<b>1800CST</b>			<b>0</b>	<b>0</b>			<b>Hail(0.75)</b>
<b>Woodbury County</b> <b>2 W Sloan</b>	<b>19</b>	<b>2222CST</b>			<b>0</b>	<b>0</b>	<b>5K</b>		<b>Thunderstorm Wind (G61)</b>
Thunderstorm winds destroyed a barn.									
<b><u>IOWA, Southwest</u></b>									
<b>Harrison County</b> <b>3 S Modale</b>	<b>18</b>	<b>2250CST</b>			<b>0</b>	<b>0</b>			<b>Thunderstorm Wind (G55)</b>
Thunderstorm wind gusts estimated at over 60 mph overturned a center pivot and bent a few signs south of Modale.									
<b>Harrison County</b> <b>3 S Modale</b>	<b>18</b>	<b>2250CST</b>			<b>0</b>	<b>0</b>			<b>Hail(0.88)</b>
Nickel size hail was accompanied by very heavy rain and strong winds south of Modale. There was a public report of 4.2 inches of rain with this storm which left "considerable" amounts of standing water yet that next morning.									
<b>Montgomery County</b> <b>1 S Red Oak</b>	<b>19</b>	<b>0443CST</b>			<b>0</b>	<b>0</b>			<b>Hail(0.75)</b>
<b>Harrison County</b> <b>Magnolia</b>	<b>19</b>	<b>1950CST</b>			<b>0</b>	<b>0</b>			<b>Hail(0.75)</b>
Hail up to dime size covered the ground around Magnolia.									
<b>Shelby County</b> <b>2 NE Kirkman</b>	<b>19</b>	<b>2023CST</b>			<b>0</b>	<b>0</b>			<b>Hail(0.75)</b>
<b>Harrison County</b> <b>2 NW Little Sioux</b>	<b>20</b>	<b>0425CST</b>			<b>0</b>	<b>0</b>			<b>Hail(1.50)</b>
<b>Monona County</b> <b>Blencoe</b>	<b>20</b>	<b>0431CST</b>			<b>0</b>	<b>0</b>			<b>Hail(0.75)</b>
<b>Mills County</b> <b>2 W Pacific Jct</b>	<b>20</b>	<b>0510CST</b>			<b>0</b>	<b>0</b>			<b>Thunderstorm Wind (G55)</b>
A trained weather spotter estimated thunderstorm wind gusts of 65 mph.									
<b>Fremont County</b> <b>2 S Randolph</b>	<b>20</b>	<b>0530CST</b>			<b>0</b>	<b>0</b>			<b>Hail(0.75)</b>
<b>Fremont County</b> <b>4 NNW Thurman</b>	<b>21</b>	<b>1712CST</b>			<b>0</b>	<b>0</b>			<b>Hail(0.88)</b>
<b>Fremont County</b> <b>4 S Farragut</b>	<b>21</b>	<b>1817CST</b>			<b>0</b>	<b>0</b>			<b>Hail(0.88)</b>
<b>Page County</b> <b>Shenandoah</b>	<b>21</b>	<b>1824CST</b>			<b>0</b>	<b>0</b>			<b>Hail(1.00)</b>

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b><u>KANSAS, East</u></b>									
Morris County Wilsey	05	1610CST			0	0			Hail(0.88)
Morris County Dwight	05	1615CST			0	0			Hail(0.75)
Morris County 2 NNW Wilsey	05	1615CST			0	0			Hail(0.88)
Morris County Wilsey	05	1615CST			0	0			Hail(0.88)
Lyon County Olpe	05	1650CST			0	0			Hail(0.75)
Geary County 2 E Junction City	05	1655CST			0	0			Hail(1.25)
Cloud County Jamestown	05	1716CST			0	0			Hail(0.88)
Cloud County 6 N Glasco	05	1750CST			0	0			Thunderstorm Wind (G56)
Jackson County Delia	05	1855CST			0	0			Hail(0.75)
KSZ037>040-055>056	Morris - Wabaunsee - Shawnee - Douglas - Osage - Franklin								
	08	0030CST 0900CST			0	0			Dense Fog
Dense fog formed around 1230 am and created hazardous driving conditions. Visibilities were reported near zero in some areas. Several accidents occurred.									
Morris County White City	10	1338CST			0	0			Hail(0.88)
Geary County 3 E Junction City	10	1350CST			0	0			Hail(0.88)
Geary County 3 E Junction City	10	1350CST			0	0			Thunderstorm Wind (G52)
Riley County Manhattan	10	1405CST			0	0			Hail(1.00)
Washington County 7 SW Morrowville	10	1420CST			0	0			Hail(0.88)
Wabaunsee County 1 SE Eskridge	10	1735CST			0	0			Hail(1.00)
Ground almost white from hail. No wind.									
Washington County 2 E Linn	11	1344CST			0	0			Hail(1.00)
Washington County 7 SW Morrowville	11	1354CST			0	0			Hail(1.00)
Washington County 2 N Linn	11	1359CST			0	0			Hail(1.00)
Washington County 3 S Washington	11	1359CST			0	0			Hail(1.00)
Near Washington, the highway department needed snowplows to clear U.S. Highway 36 and Kansas Highway 9.									
Washington County 5 N Hanover	11	1508CST			0	0			Hail(1.00)
Coffey County 8 NE Burlington	11	1510CST			0	0			Hail(0.75)

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b><u>KANSAS, East</u></b>									
Jefferson County 4 ESE Meriden	11	1535CST			0	0			Hail(0.75)
Shawnee County Topeka	11	1538CST			0	0			Hail(0.88)
		Reported at 21st and Washburn.							
Jefferson County Meriden	11	1610CST			0	0			Hail(0.88)
Jefferson County Valley Falls	11	1618CST			0	0			Hail(1.00)
Jefferson County 5 W Oskaloosa	11	1640CST			0	0			Hail(0.88)
Republic County 5 NW Republic	18	2023CST			0	0			Hail(1.00)
Republic County Republic	18	2039CST			0	0			Hail(1.00)
Republic County Republic	18	2046CST			0	0			Hail(2.00)
		10 minute duration							
Republic County Republic	18	2046CST			0	0			Hail(1.75)
Republic County 1 ESE Republic	18	2054CST			0	0			Hail(2.00)
		hail covered ground							
Republic County 2 N Republic	18	2059CST			0	0			Hail(1.75)
Republic County 7 WNW Munden	18	2110CST			0	0			Hail(1.00)
Republic County 9 N Belleville	18	2130CST			0	0			Hail(0.88)
Republic County 3 NE Munden	18	2142CST			0	0			Hail(1.75)
Republic County Munden	18	2147CST			0	0			Hail(1.75)
Republic County 3 NW Munden	18	2148CST			0	0			Hail(1.25)
Republic County 4 NW Republic	18	2227CST			0	0			Hail(1.00)
Republic County 4 WNW Munden	18	2246CST			0	0			Hail(1.75)
		Hail covers U.S. Highway 81.							
Republic County 7 NW Munden	18	2256CST			0	0			Hail(1.00)
Republic County 6 NW Munden	18	2301CST			0	0			Hail(1.00)
		Hailed for a half hour and covered sidewalk.							
Cloud County Glasco	20	2045CST			0	0			Hail(0.75)
Cloud County 4 S Aurora	20	2113CST			0	0			Hail(1.00)



# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b><u>KANSAS, East</u></b>									
Cloud County 4 S Glasco	20	2113CST			0	0			Hail(1.00)
Cloud County Aurora	20	2122CST			0	0			Hail(0.88)
Clay County Morganville	20	2230CST			0	0			Hail(1.00)
Republic County 6 E Republic	20	2244CST			0	0			Hail(1.00)
Pottawatomie County Wheaton	21	1339CST			0	0			Hail(0.75)
Nemaha County 8 SW Corning	21	1413CST			0	0			Hail(1.50)
Nemaha County Corning	21	1415CST			0	0			Hail(1.00)
Nemaha County 3 S Corning	21	1415CST			0	0			Hail(1.75)
Jackson County 1 S Soldier	21	1435CST			0	0			Hail(1.00)
Nemaha County 3 NW Corning	21	1448CST 1449CST	0.1	25	0	0			Tornado (F0)
Very weak tornado briefly touched down. It caused little to no damage as it traveled across open country.									
Jackson County 8 N Holton	21	1455CST			0	0	50K		Hail(1.75)
Hail damaged windshields and roofs of some outbuildings.									
Jackson County 6 NNE Holton	21	1455CST			0	0			Hail(1.00)
Nemaha County Wetmore	21	1455CST			0	0			Hail(1.50)
Jackson County 6 NNE Holton	21	1508CST			0	0			Hail(1.00)
Jackson County 2 S Whiting	21	1510CST			0	0			Hail(0.88)
Jackson County 2 S Whiting	21	1520CST			0	0			Hail(0.88)
Hail covered the ground.									
Jefferson County Nortonville	21	1553CST			0	0			Hail(1.00)
Jefferson County Nortonville	21	1553CST			0	0			Thunderstorm Wind (G52)
<b><u>KANSAS, Extreme Southeast</u></b>									
Cherokee County Columbus	05	1843CST			0	0			Hail(0.75)
Crawford County Cherokee	05	1903CST			0	0			Hail(0.75)
Cherokee County 9 E Columbus	21	1310CST			0	0			Thunderstorm Wind (G65)

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------	---------------------------------	---------------------------------	------------------------------	--------------------

## KANSAS, Extreme Southeast

Severe thunderstorm wind gusts downed several power poles and trees.

### **Crawford County**

<b>7 NW Mc Cune</b>	<b>21</b>	<b>1519CST</b>	<b>0.2</b>	<b>50</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Tornado (F0)</b>
---------------------	-----------	----------------	------------	-----------	----------	----------	----------	----------	---------------------

Crawford County Emergency Management observed a tornado briefly touch down in western Crawford County. A National Weather Service storm survey indicated that several trees were downed from tornadic winds.

### **Cherokee County**

<b>5 W Melrose</b>	<b>21</b>	<b>1705CST</b>	<b>0.1</b>	<b>20</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Tornado (F0)</b>
--------------------	-----------	----------------	------------	-----------	----------	----------	----------	----------	---------------------

Cherokee County Emergency Management observed a brief tornado touch down in rural western Cherokee County. A National Weather Service storm survey revealed that no damage occurred from the tornado.

### **Cherokee County**

<b>5 SW Columbus</b>	<b>21</b>	<b>1710CST</b>			<b>0</b>	<b>0</b>			<b>Hail(1.25)</b>
----------------------	-----------	----------------	--	--	----------	----------	--	--	-------------------

### **Cherokee County**

<b>1 SW Columbus</b>	<b>21</b>	<b>1720CST</b>			<b>0</b>	<b>0</b>			<b>Hail(1.00)</b>
----------------------	-----------	----------------	--	--	----------	----------	--	--	-------------------

### **Cherokee County**

<b>Columbus</b>	<b>21</b>	<b>1735CST</b>			<b>0</b>	<b>0</b>			<b>Hail(1.50)</b>
-----------------	-----------	----------------	--	--	----------	----------	--	--	-------------------

### **Crawford County**

<b>2 N Mc Cune</b>	<b>21</b>	<b>1745CST</b>			<b>0</b>	<b>0</b>			<b>Hail(1.75)</b>
--------------------	-----------	----------------	--	--	----------	----------	--	--	-------------------

### **Bourbon County**

<b>1 SE Petersburg</b>	<b>21</b>	<b>1821CST</b>			<b>0</b>	<b>0</b>	<b>5K</b>	<b>0</b>	<b>Thunderstorm Wind (G60)</b>
------------------------	-----------	----------------	--	--	----------	----------	-----------	----------	--------------------------------

Severe thunderstorm wind gusts damaged a roof of a farm house. Minor tree damage was also observed.

### **Crawford County**

<b>Frontenac</b>	<b>21</b>	<b>1842CST</b>			<b>0</b>	<b>0</b>			<b>Hail(0.75)</b>
------------------	-----------	----------------	--	--	----------	----------	--	--	-------------------

## KANSAS, North Central

### **Osborne County**

<b>1 W Alton to 2 W Alton</b>	<b>05</b>	<b>1503CST 1508CST</b>	<b>1</b>	<b>20</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Tornado (F0)</b>
-----------------------------------	-----------	----------------------------	----------	-----------	----------	----------	----------	----------	---------------------

A tornado in far northwest Osborne County drifted west across rural areas of the county west of Alton. No damage was reported.

### **Rooks County**

<b>2.5 NE Stockton to 1.5 NE Stockton</b>	<b>05</b>	<b>1521CST 1526CST</b>	<b>1</b>	<b>20</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Tornado (F0)</b>
---	-----------	----------------------------	----------	-----------	----------	----------	----------	----------	---------------------

A tornado drifted west across rural areas just northeast of Stockton. No damage was reported.

### **Osborne County**

<b>2 N Alton</b>	<b>05</b>	<b>1526CST</b>			<b>0</b>	<b>0</b>	<b>25K</b>	<b>150K</b>	<b>Hail(1.75)</b>
------------------	-----------	----------------	--	--	----------	----------	------------	-------------	-------------------

### **Jewell County**

<b>3 S Formoso</b>	<b>05</b>	<b>1738CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail(1.00)</b>
--------------------	-----------	----------------	--	--	----------	----------	----------	----------	-------------------

### **Mitchell County**

<b>Cawker City</b>	<b>05</b>	<b>1819CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail(1.25)</b>
--------------------	-----------	----------------	--	--	----------	----------	----------	----------	-------------------

### **Phillips County**

<b>Countywide</b>	<b>05</b>	<b>1906CST 2200CST</b>			<b>0</b>	<b>0</b>	<b>150K</b>	<b>500K</b>	<b>Flash Flood</b>
-------------------	-----------	----------------------------	--	--	----------	----------	-------------	-------------	--------------------

A large closed upper level low pressure system spawned tornado producing thunderstorms in north central Kansas. Two tornadoes were reported. One was near Alton in Osborne County and the other near Stockton in Rooks County. The tornadoes actually moved west northwest around the upper level low. Fortunately, no damage was reported. Heavy rain of 2 to 4 inches and the resultant runoff was responsible for flash flooding in Phillips County. The heaviest rain fell in the Stuttgart and Logan areas. At one point during the evening, there were severe roads throughout the county under water. The water receded by midnight.

### **Rooks County**

<b>4 N Damar</b>	<b>10</b>	<b>1703CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail(0.88)</b>
------------------	-----------	----------------	--	--	----------	----------	----------	----------	-------------------

### **Rooks County**

<b>4 W Webster Res</b>	<b>10</b>	<b>1720CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail(1.00)</b>
------------------------	-----------	----------------	--	--	----------	----------	----------	----------	-------------------

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## KANSAS, North Central

### Jewell County

Mankato	11	1415CST 1530CST			0	0	10K	150K	Heavy Rain
---------	----	--------------------	--	--	---	---	-----	------	------------

### Jewell County

Mankato	11	1422CST			0	0	0	75K	Hail(1.00)
---------	----	---------	--	--	---	---	---	-----	------------

### Jewell County

4 W Jewell	11	1435CST			0	0	0	0	Funnel Cloud
------------	----	---------	--	--	---	---	---	---	--------------

### Jewell County

3 E Mankato	11	1442CST			0	0	5K	150K	Hail(1.75)
-------------	----	---------	--	--	---	---	----	------	------------

### Jewell County

1 N Formoso	11	1452CST			0	0	0	75K	Hail(1.00)
-------------	----	---------	--	--	---	---	---	-----	------------

A severe thunderstorm near Mankato, Kansas dropped hail ranging from peas to golf balls in size. A motorist drove through golf ball size hail east of Mankato and stopped in town to pass the information to a deputy sheriff. Snow plows were used to clear hail from U.S. Highway 36 in eastern Jewell County. Heavy rain was widespread in eastern Jewell County. Mankato reported 1.50" in a little over one hour and water was over some rural roads for a time east of town. Mankato had already measured 1.50" from a storm the day before.

### Jewell County

2 E Webber	18	2025CST			0	0	25K	100K	Hail(1.25)
------------	----	---------	--	--	---	---	-----	------	------------

### Mitchell County

2 E Hunter	20	2039CST			0	0	0	0	Hail(0.88)
------------	----	---------	--	--	---	---	---	---	------------

### Mitchell County

13 NE Hunter	20	2045CST			0	0	0	0	Hail(1.00)
--------------	----	---------	--	--	---	---	---	---	------------

### Mitchell County

2 S Asherville	20	2053CST			0	0	25K	150K	Hail(1.75)
----------------	----	---------	--	--	---	---	-----	------	------------

### Mitchell County

6 S Beloit	20	2105CST			0	0	0	75K	Hail(1.25)
------------	----	---------	--	--	---	---	---	-----	------------

### Jewell County

2 N Webber	20	2245CST			0	0	0	0	Hail(1.00)
------------	----	---------	--	--	---	---	---	---	------------

Scattered late evening thunderstorms produced large hail across Mitchell and Jewell counties in north central Kansas. The hail ranged in size from nickels to golf balls.

## KANSAS, Northeast

### Linn County

La Cygne	11	1650CST			0	0			Hail(0.75)
----------	----	---------	--	--	---	---	--	--	------------

### Leavenworth County

Tonganoxie	11	1658CST			0	0			Hail(0.75)
------------	----	---------	--	--	---	---	--	--	------------

### Leavenworth County

Jarballo	11	1715CST			0	0			Hail(1.00)
----------	----	---------	--	--	---	---	--	--	------------

### Leavenworth County

1 E Basehor	11	1817CST			0	0			Hail(1.00)
-------------	----	---------	--	--	---	---	--	--	------------

### Leavenworth County

Leavenworth	11	1900CST 1930CST			0	0			Flash Flood
-------------	----	--------------------	--	--	---	---	--	--	-------------

Water rose to bottom of cars in supermarket parking lot.

### Miami County

8 S Louisburg	11	1707CST			0	0			Hail(1.00)
---------------	----	---------	--	--	---	---	--	--	------------

### Miami County

6 S Louisburg	11	1737CST			0	0			Hail(1.00)
---------------	----	---------	--	--	---	---	--	--	------------

### Miami County

5 S Louisburg	11	1750CST			0	0			Hail(0.88)
---------------	----	---------	--	--	---	---	--	--	------------

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b><u>KANSAS, Northeast</u></b>									
Miami County 5 S Louisburg	11	1751CST			0	0			Hail(0.88)
Miami County 6 S Louisburg	11	1842CST			0	0			Hail(1.00)
Wyandotte County Bonner Spgs	11	1809CST			0	0			Thunderstorm Wind (G52)
Atchison County Arrington	21	1527CST			0	0			Hail(1.00)
Atchison County Effingham	21	1540CST			0	0			Hail(2.00)
Atchison County Effingham	21	1603CST			0	0			Hail(1.75)
Atchison County 5 W Atchison to 5 WSW Atchison	21	1604CST 1606CST	0.5	50	0	0			Tornado (F0)
Brief tornado touchdown wrapped in rain, photographed by storm chaser in open country.									
Atchison County Muscotah	21	1605CST			0	0			Hail(1.25)
Atchison County 10 S Atchison to 10 SSE Atchison	21	1610CST 1613CST	2	50	0	0			Tornado (F0)
Tornado videotaped by storm chaser and observed by Leavenworth Co. EMA in open country									
Atchison County Muscotah	21	1610CST			0	0			Hail(1.25)
Leavenworth County 3 NW Easton	21	1610CST			0	0			Hail(2.00)
Leavenworth County Easton	21	1610CST			0	0			Thunderstorm Wind (G61)
Leavenworth County 3 NW Easton	21	1610CST			0	0			Thunderstorm Wind (G70)
Leavenworth County Leavenworth	21	1624CST			0	0			Hail(1.00)
Leavenworth County Ft Leavenworth	21	1628CST			0	0			Thunderstorm Wind (G52)
Leavenworth County Leavenworth	21	1629CST			0	0			Hail(1.75)
Wyandotte County Bonner Spgs	21	1618CST			0	0			Hail(1.75)
Wyandotte County Bonner Spgs	21	1621CST			0	0			Hail(1.00)
Wyandotte County Kansas City	21	1630CST			0	0			Hail(1.75)
Wyandotte County 3 NW Edwardsville	21	1634CST			0	0			Hail(1.00)
Johnson County 1 N Shawnee	21	1619CST			0	0			Hail(1.75)
Johnson County Shawnee	21	1621CST			0	0			Hail(1.00)

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
<b><u>KANSAS, Northwest</u></b>									
Gove County 4 S Quinter	05	1204MST			0	0			Hail(0.75)
Gove County 1 E Gove	05	1250MST			0	0			Hail(0.88)
Thomas County 1 S Gem	05	1400MST			0	0			Hail(0.88)
Sheridan County Tasco	05	1730MST 2030MST			0	0			Flash Flood
		Water over roads near Tasco.							
Wichita County 12 N Leoti	05	1750MST 2050MST			0	0			Flash Flood
		County roads washed out 4 miles west of Highway 25.							
Wichita County 5 N Leoti	05	1750MST 2050MST			0	0			Flash Flood
		Water across highway 25.							
Norton County Almena	05	1810MST 2110MST			0	0			Flash Flood
		County roads washed out.							
KSZ001-013-027-041		Cheyenne - Sherman - Wallace - Greeley							
	05	1210MST 1650MST			0	0			High Wind (G53)
		Strong gradient winds of 40 mph with gusts to near 60 mph resulted in minor property damage.							
Sheridan County 8 W Hoxie	10	1206MST			0	0			Hail(0.75)
Decatur County 10 SSW Oberlin	10	1230MST			0	0			Hail(1.00)
		Quarter size hail covered the ground.							
Gove County 1 E Gove	10	1339MST			0	0			Hail(0.75)
Gove County 3 N Gove	10	1350MST			0	0			Hail(1.25)
		Half dollar size hail covered the ground from Grainfield to north of Gove. Hail also accumulated on roadways.							
Gove County Grainfield	10	1400MST			0	0			Hail(1.00)
		Hail covered the ground.							
Graham County 1 SW St Peter	10	1500MST 1501MST	0.1	25	0	0			Tornado (F0)
		Brief touchdown over open field...no known damage. Tornado reported at County Rd D and Road 130 in Graham County.							
Graham County 10 ESE St Peter	10	1500MST 1501MST	0.2	25	0	0	2K		Tornado (F1)
		Tornado went through a farm field, damaging a calving shed and throwing several 1500 pound hay bales. Tornado reported at County Road C and Road 240 in Graham County.							
Wallace County 11 NNW Sharon Spgs	27	1818MST			0	0			Thunderstorm Wind (G52)
Sherman County 19 SW Goodland	27	1830MST			0	0			Hail(0.88)

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## KANSAS, Northwest

### Greeley County

1 N Tribune 27 1939MST 0 0 Thunderstorm Wind (G52)

### KSZ016-028-041>042

Graham - Logan - Greeley - Wichita

28 0000MST 0 0 Frost/Freeze  
29 0800MST

USDA estimated that 170,000 acres of wheat crop in Greeley county were impacted by freezing temperatures with an expected yield loss of 10-20%. USDA estimated that 134,500 acres of wheat crop in Wichita county were impacted by freezing temperatures with an expected yield loss of 10-20%. USDA estimated that 93,600 acres of wheat crop in Graham county and 5,040 acres of alfalfa were impacted by freezing temperatures with an expected yield loss of 10-20%. In Logan county, freezing temperatures and continued effects of drought conditions since 2002 as well as rust disease will account for an estimated 30% loss of yield on 149,500 acres of land.

Temperatures on both 04/28 and 04/29 mornings were in the upper 20s and during the morning of 04/29 temperatures were below freezing most of the night.

## KANSAS, Southeast

### Butler County

6 SE El Dorado 05 1506CST 0 0 Hail(1.00)

### Elk County

12 NW Howard 05 1508CST 0 0 Hail(1.00)

### Elk County

12 NW Howard 05 1508CST 0 0 Thunderstorm Wind (G52)

### Rice County

Little River 05 1515CST 0 0 Hail(0.75)

### Greenwood County

12 W Eureka 05 1527CST 0 0 Hail(0.75)

### Chautauqua County

Sedan 05 1545CST 0 0 Hail(0.75)

### Greenwood County

9 WSW Eureka 05 1545CST 0 0 Hail(1.75)

### Montgomery County

1 W Coffeyville 05 1621CST 0 0 Hail(0.75)

### Wilson County

5 ESE Neodesha 05 1715CST 0 0 Hail(0.75)

### Wilson County

6 SE Altoona 05 1723CST 0 0 Hail(0.75)

### Butler County

Leon 05 1807CST 0 0 Hail(0.88)

### Ellsworth County

1 SW Kanopolis 10 1230CST 0 0 Hail(1.50)  
CO-OP observer.

### Marion County

2 SE Lincolnville 10 1315CST 0 0 Hail(1.00)  
CO-OP observer.

### Russell County

5 W Milberger to 10 1659CST 6 440 0 0 75K Tornado (F1)  
7 SW Russell 1715CST

Farmstead hit sustaining the following damage: Two sheds and one garage destroyed. House sustained broken windows on it's south side. Several trees uprooted.

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b><u>KANSAS, Southeast</u></b>									
<b>Barton County</b>									
10 SW Great Bend	10	1700CST			0	0			Hail(1.00)
<b>Russell County</b>									
Gorham	10	1711CST			0	0			Hail(0.75)
<b>Barton County</b>									
5 NW Great Bend	10	1712CST 1715CST	0.5	55	0	0			Tornado (F0)
		Brief event.							
<b>Russell County</b>									
6 SW Russell	10	1724CST 1725CST	0.5	55	0	0			Tornado (F0)
		Brief event.							
<b>Russell County</b>									
5 SW Russell	10	1726CST	0.5	55	0	0			Tornado (F0)
		Brief event.							
<b>Russell County</b>									
2 W Russell to 1 W Russell	10	1731CST 1734CST	1	110	0	0			Tornado (F0)
		Remained in the country.							
<b>Barton County</b>									
Ellinwood	10	1752CST			0	0			Hail(0.88)
<b>Russell County</b>									
6 SSW Waldo to 5 SSW Waldo	10	1752CST 1756CST	1	110	0	0			Tornado (F0)
		Remained in the country.							
<b>Barton County</b>									
3 E Great Bend	10	1801CST			0	0			Hail(0.75)
<b>Kingman County</b>									
Cunningham	10	1855CST			0	0			Hail(0.75)
<b>Kingman County</b>									
9 NW Zenda	10	1900CST			0	0			Hail(0.88)
<b>Rice County</b>									
1 SE Lyons	10	2005CST			0	0			Hail(0.75)
<b>Harper County</b>									
3 SE Attica	10	2110CST			0	0			Hail(0.75)
<b>Harper County</b>									
Attica	10	2117CST			0	0			Hail(0.75)
		Hail covered ground.							
<b>Mcperson County</b>									
4 NE Windom	10	2212CST			0	0			Hail(0.75)
		Hail covered ground.							
<b>Barton County</b>									
6 WSW Great Bend	20	1835CST			0	0			Hail(1.25)
<b>Barton County</b>									
1 E Great Bend	20	1845CST			0	0			Hail(2.50)
		Damage?							
<b>Barton County</b>									
1 N Great Bend	20	1849CST			0	0			Hail(1.00)
		Vehicle damaged.							
<b>Barton County</b>									
1 E Great Bend	20	1853CST			0	0	500K		Hail(3.00)

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b><u>KANSAS, Southeast</u></b>									
Approximately 70 cars damaged at one dealership, while a second dealership sustained only minor damage. Many homes sustained roof damage and broken windows. Some wheat was also damaged but details were provided as of this writing. (Narrative courtesy Hutchinson News.)									
<b>Barton County</b>									
5 NE Great Bend	20	1855CST			0	0			Hail(1.75)
<b>Barton County</b>									
5 SW Hoisington	20	1906CST			0	0			Hail(1.75)
<b>Kingman County</b>									
1 N Nashville	20	1944CST			0	0			Hail(0.88)
<b>Ellsworth County</b>									
4 SE Wilson	20	2000CST			0	0			Hail(1.25)
<b>Russell County</b>									
5 N Dorrance	20	2008CST			0	0			Hail(1.00)
<b>Reno County</b>									
11 E Arlington	20	2012CST			0	0			Hail(1.00)
<b>Reno County</b>									
11 E Arlington	20	2012CST			0	0			Thunderstorm Wind (G52)
<b>Russell County</b>									
5 N Dorrance	20	2013CST			0	0			Hail(1.75)
<b>Lincoln County</b>									
5 SW Sylvan Grove	20	2016CST			0	0			Hail(1.25)
<b>Lincoln County</b>									
1 N Sylvan Grove	20	2018CST			0	0			Hail(1.00)
<b>Harper County</b>									
4 SW Attica	20	2120CST			0	0			Thunderstorm Wind (G52)
<b>Harvey County</b>									
6 N Burrton	20	2120CST			0	0			Hail(0.88)
<b>Harper County</b>									
5 SW Attica	20	2122CST			0	0			Hail(1.75)
<b>Harper County</b>									
3 SSE Attica	20	2127CST			0	0			Hail(1.00)
Damage? The 1.00 inch hail was driven by 74 kt (85 mph) winds.									
<b>Harper County</b>									
3 SSE Attica	20	2127CST			0	0			Thunderstorm Wind (G74)
Large limbs downed. No other damage reported.									
<b>Harper County</b>									
4 S Harper	20	2133CST			0	0			Thunderstorm Wind (G50)
KSN Weatherlab, Chaparral High School.									
<b>Harper County</b>									
Harper	20	2135CST			0	0			Thunderstorm Wind (G61)
Limbs downed county-wide.									
<b>Harper County</b>									
4 S Harper	20	2137CST			0	0			Thunderstorm Wind (G55)
KSN Weatherlab, Chaparral High School.									
<b>Sumner County</b>									
3 SSE Milan	20	2156CST			0	0			Thunderstorm Wind (G52)
<b>Sumner County</b>									
6 SW Mayfield	20	2202CST			0	0			Hail(0.75)



# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## KANSAS, Southeast

Sumner County 6 SW Mayfield	20	2202CST			0	0			Thunderstorm Wind (G52)
Sumner County 5 W Wellington	20	2212CST			0	0			Hail(1.25)
Sumner County 5 W Wellington	20	2212CST			0	0			Thunderstorm Wind (G52)
Sumner County 1 N Wellington	20	2224CST			0	0			Hail(1.00)
Neosho County 2 S Thayer	21	1625CST			0	0			Hail(1.00)
Labette County 1 N Bartlett	21	1631CST			0	0			Hail(1.00)
Labette County 1 S Chetopa	21	1636CST			0	0			Hail(1.00)
Labette County 1 S Chetopa	21	1639CST			0	0			Hail(1.25)
Allen County 5 ESE Humboldt	21	1644CST			0	0			Hail(0.75)
Neosho County 3 S Galesburg to 2 W South Mound	21	1654CST 1705CST	5	200	0	0	200K		Tornado (F3)

Damage summary: Two miles south of Galesburg: One barn damaged & two out-buildings destroyed. Three miles southeast of Galesburg: Two mobile homes destroyed, one frame house dislodged from it's foundation & two barns destroyed. Four miles east-southeast of Galesburg: Frame house unroofed with two exterior walls collapsed. A garage and one shed were destroyed. Tree damage occurred at each of these locations.

Neosho County 2 ESE South Mound to 4 SE St Paul	21	1719CST 1732CST	7	100	0	0	15K		Tornado (F1)
One frame house was partially unroofed and one barn destroyed. Tornado crossed the Neosho/Crawford county line, 5 miles southeast of St. Paul. The tornado lifted one mile east of the Neosho/Crawford county line.									
Labette County Strauss	21	1734CST	0.5	55	0	0			Tornado (F0)
Brief event that caused tree damage.									

## KANSAS, Southwest

Seward County 6 NNW Kismet to 5 W Kismet	05	1333CST 1345CST	7.5	100	0	0			Tornado (F1)
This tornado moved south-southwest and damaged two structures. A roof was blown off a barn, windows blown out of a vehicle and power lines were taken down.									
Seward County 2 N Hayne to 1.5 NNW Hayne	05	1335CST 1337CST	0.5	30	0	0			Tornado (F0)
This was a brief landspout tornado that did not hit anything.									
Seward County 1 W Liberal	05	1345CST			0	0			Hail(1.00)
Haskell County 5 E Sublette	05	1348CST			0	0			Hail(1.00)
Haskell County 5 NE Sublette to 4.5 NE Sublette	05	1400CST 1403CST	0.3	30	0	0			Tornado (F0)
This weak tornado moved southwest also.									

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Persons Injured	Estimated Damage Property Crops	Character of Storm
<b><u>KANSAS, Southwest</u></b>								
<b>Haskell County</b>								
5 E Sublette	05	1403CST			0	0		Hail(0.75)
<b>Gray County</b>								
12 NW Montezuma to 9.3 N Copeland	05	1420CST 1425CST	3.1	100	0	0		Tornado (F0)
Another tornado that moved southwest during this afternoon.								
<b>Haskell County</b>								
12 NE Sublette	05	1420CST 1422CST	0.2	20	0	0		Tornado (F0)
This was brief tornado								
<b>Gray County</b>								
5 NW Montezuma to 6.3 WNW Montezuma	05	1427CST 1435CST	2.6	75	0	0		Tornado (F0)
There was nothing for this southwest moving landspout to hit.								
<b>KSZ061-084</b>								
<b>Hamilton - Morton</b>								
05	1428CST 1630CST				0	0		High Wind (G55)
This non-thunderstorm wind was reported 14 miles NNE of Coolidge.								
<b>Gray County</b>								
5 NE Copeland	05	1435CST 1436CST	0.3	20	0	0		Tornado (F0)
This was smaller of two tornadoes that were occurring at the same time within a couple of miles.								
<b>Rush County</b>								
Otis	05	1453CST			0	0		Hail(0.75)
<b>Scott County</b>								
Scott City	05	1855CST			0	0		Thunderstorm Wind (G78)
Four to six inch diameter tree branches were broken. A few shingles were blown off roofs.								
<b>Scott County</b>								
6 W Scott City	10	1300CST 1302CST	0.3	75	0	0		Tornado (F0)
This was a multiple vortex tornado that did not strike anything.								
<b>Scott County</b>								
1 N Scott State Park	10	1325CST 1326CST	0.1	20	0	0		Tornado (F0)
Contact was made with the ground for just a minute.								
<b>Trego County</b>								
21 SSW Wakeeney	10	1453CST			0	0		Hail(0.75)
<b>Trego County</b>								
5 S Cedar Bluff Res	10	1508CST			0	0		Hail(1.00)
<b>Ness County</b>								
3 NW Brownell	10	1511CST			0	0		Hail(1.00)
<b>Trego County</b>								
1 S Cedar Bluff Res	10	1520CST			0	0		Hail(0.75)
<b>Trego County</b>								
11 SE Trego Center to 4 N Cedar Bluff Res	10	1535CST 1549CST	6.7	150	0	0		Tornado (F0)
Early on this tornado had a small area of contact with the earth, passing across Cedar Bluff Reservoir but did eventually become bigger and appeared to be much stronger north of the lake. It did not strike anything directly.								
<b>Trego County</b>								
4 SW Wakeeney to 3.8 SW Wakeeney	10	1535CST 1536CST	0.4	125	0	0		Tornado (F0)
This was a brief spinup.								
<b>Trego County</b>								
2 WSW Wakeeney to 4 NW Wakeeney	10	1537CST 1548CST	6.2	200	0	0		Tornado (F1)

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b><u>KANSAS, Southwest</u></b>									
This tornado appeared to be very strong but only did F1 damage to a barn that did not take a direct hit.									
<b>Trego County</b> 2 NE Collyer to 3 NE Collyer	10	1550CST 1553CST	1	30	0	0			Tornado (F0)
This was small rope-like tornado.									
<b>Trego County</b> 6 S Ogallah to 4 E Ogallah	10	1556CST 1610CST	6.5	400	0	0			Tornado (F0)
This tornado grew quite large but did not high anything...it appeared to be very strong.									
<b>Trego County</b> 2 NE Cedar Bluff Res	10	1557CST 1558CST	0.2	15	0	0			Tornado (F0)
This was small rope-like tornado.									
<b>Trego County</b> 4 SE Wakeeney to 4.2 ESE Wakeeney	10	1557CST 1559CST	0.5	30	0	0			Tornado (F0)
This tornado did not high anything.									
<b>Trego County</b> 1 E Ogallah	10	1558CST			0	0			Hail(1.00)
The hail reduced visibility down to near zero!									
<b>Trego County</b> 1.8 SW Ogallah to 2.3 NNW Ogallah	10	1604CST 1613CST	3.7	150	0	0			Tornado (F0)
There was nothing to hit.									
<b>Stafford County</b> 9 SSE Macksville	10	1609CST			0	0			Hail(0.75)
<b>Rush County</b> Bison	10	1614CST			0	0			Hail(1.00)
<b>Rush County</b> Liebenthal	10	1615CST			0	0			Hail(1.00)
<b>Pratt County</b> Byers	10	1635CST			0	0			Hail(0.88)
<b>Ellis County</b> 6 SSE Victoria	10	1650CST			0	0			Hail(0.75)
<b>Ellis County</b> 3 E Hays to 2 SW Emmeram	10	1653CST 1659CST	3.3	100	0	0			Tornado (F0)
Even though this tornado existed for six minutes and travelled over 3 miles, it never hit anything.									
<b>Ellis County</b> 4 NNE Hays	10	1655CST			0	0			Hail(0.88)
<b>Ellis County</b> 6 ESE Victoria	10	1655CST			0	0			Hail(0.88)
<b>Rush County</b> 11 N Otis to 12 NNE Otis	10	1705CST 1708CST	1.4	50	0	0			Tornado (F1)
There was some roof damage to a farm. A gooseneck trailer was lifted up and it's five foot tongue was driven completely into the ground. There was also some tree damage.									
<b>Stafford County</b> 2 E Dillwyn	10	1709CST			0	0			Hail(1.00)
<b>Stafford County</b> 8 N Hudson	10	1741CST			0	0			Hail(0.75)
<b>Pratt County</b> 1 S Preston	10	1819CST			0	0			Hail(0.75)

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b><u>KANSAS, Southwest</u></b>									
The hail completely covered the ground and the highway.									
Barber County Medicine Lodge	10	1820CST			0	0			Hail(0.88)
Barber County Sharon	10	2028CST			0	0			Hail(1.00)
Meade County 15 S Meade	17	1944CST			0	0			Hail(1.50)
Grant County 8 WNW Ulysses	18	1545CST			0	0			Hail(1.00)
Grant County 7 W Ulysses	18	1545CST			0	0			Hail(0.88)
Grant County 7 WNW Ulysses	18	1557CST			0	0			Hail(0.75)
Clark County 3 S Ashland	20	1622CST			0	0			Hail(0.75)
Kiowa County 2 S Mullinville	20	1655CST			0	0			Hail(0.75)
Clark County Englewood	20	1720CST			0	0			Hail(1.00)
Kiowa County 7 N Greensburg	20	1724CST			0	0			Hail(0.75)
Edwards County 5 S Centerview	20	1725CST			0	0			Hail(1.75)
The hail covered the ground.									
Clark County 7 N Englewood	20	1730CST			0	0			Hail(2.50)
Clark County 6 N Englewood	20	1730CST			0	0			Hail(4.25)
Edwards County 4 S Centerview	20	1730CST			0	0			Hail(1.75)
Clark County 9 NW Englewood	20	1740CST			0	0			Hail(2.00)
Clark County 9 NW Englewood	20	1745CST			0	0			Hail(2.50)
Clark County 1 NW Acres	20	1800CST			0	0			Hail(1.75)
Meade County 11 E Meade	20	1800CST			0	0			Hail(0.75)
Pratt County Pratt	20	1832CST			0	0			Hail(0.75)
Clark County 2 S Ashland	20	1833CST			0	0			Hail(1.75)
Pratt County 9 S Pratt	20	1833CST			0	0			Hail(0.75)
Clark County 3 N Ashland	20	1850CST			0	0			Hail(1.25)
Clark County 2 SE Ashland	20	1854CST			0	0			Hail(1.00)

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## KANSAS, Southwest

Clark County									
1 NE Ashland	20	1900CST			0	0			Hail(0.75)
Clark County									
9 NW Englewood	20	1900CST			0	0			Hail(2.50)
This was the second occurrence of tennis ball size hail this evening.									
Comanche County									
Coldwater	20	1900CST			0	0			Hail(1.50)
Clark County									
8 N Englewood	20	1914CST			0	0			Hail(2.75)
Comanche County									
10 S Protection	20	1940CST			0	0			Hail(0.75)
Meade County									
10 SE Meade	20	1940CST			0	0			Hail(1.25)
Barber County									
3 SW Hazelton	20	1945CST			0	0			Thunderstorm Wind (G65)
Windows were blown out of a garage.									
Comanche County									
5 NW Coldwater	20	1948CST			0	0			Hail(0.75)
Comanche County									
9 E Buttermilk	20	2030CST			0	0			Hail(0.75)
Clark County									
4 W Ashland	20	2033CST			0	0			Hail(0.75)
Seward County									
6 N Liberal	27	1925CST			0	0			Thunderstorm Wind (G52)

## KENTUCKY, Central

Hart County									
Horse Cave	12	1648EST			0	0			Thunderstorm Wind (G55)
Several trees were blown down.									
Hart County									
1 N Horse Cave	12	1655EST			0	0			Hail(0.88)
Green County									
Creal	12	1725EST			0	0			Hail(1.00)
Taylor County									
Campbellsville	12	1755EST			0	0			Hail(0.75)
Hancock County									
Lewisport	22	1643EST			0	0			Thunderstorm Wind (G55)
Trees and power lines were downed.									
Logan County									
Russellville	22	1655EST 1705EST			0	0			Hail(0.75)
Hancock County									
Countywide	22	1720EST			0	0			Thunderstorm Wind (G55)
Numerous trees and power lines were downed, mainly over the northern part of the county.									
Edmonson County									
Brownsville	22	1730EST			0	0			Hail(1.00)
Hardin County									
Sonora	22	1738EST			0	0			Hail(0.75)

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b><u>KENTUCKY, Central</u></b>									
Warren County Bowling Green	22	1741EST			0	0			Hail(0.88)
Hardin County Glendale	22	1744EST			0	0			Hail(1.00)
Shelby County Finchville	22	1744EST			0	0			Hail(0.75)
Jefferson County Anchorage	22	1753EST			0	0			Thunderstorm Wind (G52)
Ohio County Beaver Dam	22	1753EST			0	0			Thunderstorm Wind (G50)
Warren County Bowling Green	22	1800EST			0	0			Thunderstorm Wind (G52)
		Numerous trees and power lines were downed.							
Bullitt County Countywide	22	1808EST			0	0			Thunderstorm Wind (G52)
		Trees and power lines were downed.							
Hart County Horse Cave	22	1808EST			0	0			Hail(0.88)
Hart County Horse Cave	22	1808EST			0	0			Thunderstorm Wind (G52)
		Trees were downed.							
Jefferson County Anchorage	22	1808EST			0	0			Hail(0.75)
Jefferson County Prospect	22	1814EST			0	0			Hail(1.00)
Spencer County 7 SW Taylorsville	22	1816EST			0	0			Thunderstorm Wind (G57)
Spencer County 2 E Taylorsville	22	1825EST			0	0			Thunderstorm Wind (G55)
		Several trees were blown down.							
Trimble County 5 N Bedford	22	1827EST			0	0			Hail(0.75)
Barren County Glasgow	22	1830EST			0	0	10K		Thunderstorm Wind (G60)
		Thunderstorm winds did roof damage to several buildings.							
KYZ064 Green	22	1838EST			0	0	50K		High Wind (G70)
		Gradient winds blew the roof off a building in downtown Greensburg.							
Shelby County Waddy	22	1845EST			0	0	25K		Thunderstorm Wind (G60)
		Thunderstorm winds did unspecified structural damage to a home.							
Franklin County Frankfort	22	1858EST			0	0			Hail(0.75)
Metcalfe County Gascon	22	1925EST			0	0			Thunderstorm Wind (G52)
		Trees and power lines were downed.							
Fayette County Lexington	22	1939EST			0	0			Hail(0.75)

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Persons Injured	Estimated Damage Property	Crops	Character of Storm
<b><u>KENTUCKY, Central</u></b>									
Fayette County Lexington	22	1940EST			0	0			Thunderstorm Wind (G50)
Bourbon County Millersburg	22	1950EST			0	0			Thunderstorm Wind (G50)
Several trees were blown down.									
Madison County Richmond	22	2000EST 2001EST			0	0	5K		Hail(0.75)
Vehicles were dented at the Kentucky State Police Post.									
Jefferson County .9 ESE Louisville to 1.1 E Louisville	22	1747EST 1749EST	0.3	50	0	0	100K		Tornado (F0)
The tornado first touched down near the intersection of Campbell and Market Streets, where the roof on a business was destroyed, and a telephone pole was snapped. An empty trailer was flipped over near this location. The Stockyard Farm Supply Company on South Johnson Street sustained roof damage.									
Madison County Countywide	30	0235EST 0515EST			0	0			Flash Flood
Numerous roads across Madison County were closed due to high water. Some creeks and streams were out of their banks.									
<b><u>KENTUCKY, Eastern</u></b>									
Wayne County Burfield	22	1850EST			0	0	0	0	Hail(1.00)
Mccreary County Greenwood	22	1923EST			0	0	0	0	Hail(0.75)
Pulaski County Oak Hill	22	1954EST			0	0	0	0	Hail(0.88)
Laurel County Fariston	22	2000EST			0	0	0	0	Hail(0.75)
Laurel County 5 W London	22	2029EST			0	0	0	0	Hail(0.75)
Laurel County 6 W London	22	2030EST			0	0	1K	0	Thunderstorm Wind (G55)
Power pole blown down on Highway 192.									
Laurel County London	22	2036EST			0	0	0	0	Thunderstorm Wind (G55)
Trees down across Highway 192 near London.									
Rockcastle County Brodhead	22	2000EST 2005EST			0	0	0	0	Hail(0.75)
Estill County Irvine	22	2015EST			0	0	0.50K	0	Thunderstorm Wind (G56)
Awning blown off a funeral home.									
Powell County Clay City	22	2015EST			0	0	0	0	Thunderstorm Wind (G56)
Trees down on Happy Top Road near Clay City.									
Jackson County 5 N Mc Kee	22	2017EST			0	0	0	0	Thunderstorm Wind (G56)
Several trees blown down near Turkey Foot.									
Wolfe County 1 E Toliver	22	2050EST			0	0	0	0	Thunderstorm Wind (G55)

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b><u>KENTUCKY, Eastern</u></b>									
Two trees down near the junction of Highways 1010 and 2489.									
<b>Clay County</b>									
10 SE Manchester	22	2050EST			0	0	0	0	Thunderstorm Wind (G55)
Trees down on Highway 1524 near Goose Rock.									
<b>Lee County</b>									
3 N Beattyville	22	2100EST			0	0	0	0	Hail(1.00)
Quarter size hail reported on Highway 11 near Beattyville.									
<b>Owsley County</b>									
Vincent	22	2100EST			0	0	0	0	Hail(0.75)
<b>Menifee County</b>									
Wellington	22	2100EST			0	0	0	0	Thunderstorm Wind (G55)
Power line blown down on Route 1569. Also, one tree blown down 1 mile east of Frenchburg on Highway 1274.									
<b>Knox County</b>									
10 E Barbourville	22	2100EST			0	0	0	0	Thunderstorm Wind (G55)
Trees down on both Highway 223 and Highway 718.									
<b>Pike County</b>									
Forest Hills	22	2137EST			0	0	0	0	Hail(0.75)
<b>Martin County</b>									
Inez	22	2140EST			0	0	0	0	Hail(0.75)
<b>Floyd County</b>									
3 W Prestonsburg	22	2145EST			0	0	0	0	Hail(0.75)
<b>Floyd County</b>									
Martin	22	2204EST			0	0	0	0	Hail(1.00)
<b>Johnson County</b>									
Flatgap	22	2145EST			0	0	3K	0	Thunderstorm Wind (G55)
Power lines blown down near Flatgap.									
<b>Magoffin County</b>									
Salyersville	22	2150EST			0	0	0	0	Hail(0.75)
<b>Rockcastle County</b>									
Conway	29 30	2338EST 0330EST			0	0	0	0	Flash Flood
Five to eight inches of water flowing over both lanes of Highway 25.									
<b>Floyd County</b>									
4 W Prestonsburg	30	0125EST 0500EST			0	0	0	0	Flash Flood
Six to eight inches of water flowing over Highway 1427, three miles west from Highway 23.									
<b>Magoffin County</b>									
Salyersville	30	0201EST 0530EST			0	0	0	0	Flash Flood
Flash flooding occurred along Rockhouse Fork of Burning Fork. Also, Routes 40, 30, 7, and 807 were closed due to high water.									
<b>Estill County</b>									
1 SW Irvine	30	0223EST 0800EST			0	0	0	0	Flash Flood
Six to eight inches of water flowing over Dark Hollow and Clear Creek roads. Also, six inches of water was reported to be flowing over Murphys Ford Road, five miles south of Irvine.									
<b>Martin County</b>									
Beauty	30	0240EST 0830EST			0	0	0	0	Flash Flood
Three and a half to four feet of water flowing over Highway 2031.									
<b>Morgan County</b>									
1 S Relief	30	0254EST 0830EST			0	0	0	0	Flash Flood
One and a half feet of water flowing across Patoker Branch.									



# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b><u>KENTUCKY, Eastern</u></b>									
<b>Breathitt County</b>									
Jackson	30	0300EST 0700EST			0	0	300K	0	Flash Flood
Flash flooding destroyed several roads. Peg Fork, Walnut Fork, and Hunting Creek were hardest hit. Roads in the Highway 1098 area were impassable due to high water. Numerous culverts were washed out across the county.									
<b>Lee County</b>									
3 NE Pinnacle	30	0303EST 0700EST			0	0	0	0	Flash Flood
Highway 52 was closed and impassable due to high water.									
<b>Johnson County</b>									
3 S Paintsville	30	0334EST 0824EST			0	0	0	0	Flash Flood
Highway 40 closed due to high water at Boons Camp and Oil Springs.									
<b>KYZ107</b>									
<b>Johnson</b>									
	30	0334EST 1255EST			0	0	0	0	Flood
Millers creek flooded near Van Lear across Silk Stocking Loop.									
<b>Perry County</b>									
Krypton	30	0450EST 1400EST			0	0	0	0	Flash Flood
Junction of Highway 451 and Devil Skull Road closed due to high water.									
<b>KYZ110</b>									
<b>Floyd</b>									
	30	0500EST 1255EST			0	0	0	0	Flood
Up to two feet of standing water covered Highway 1427 four miles northwest of Prestonsburg.									
<b>KYZ109</b>									
<b>Magoffin</b>									
	30	0730EST 2359EST			0	0	0	0	Flood
Several areas along Highway 460 covered with water. This flooding continued into Sunday Morning May 1st.									
<b>KYZ059</b>									
<b>Powell</b>									
	30	0735EST 1636EST			0	0	0	0	Flood
One foot of water covered Highway 15 along the Middle Fork between Stanton and Slade.									
<b>KYZ058</b>									
<b>Estill</b>									
	30	0800EST 2359EST			0	0	0	0	Flood
Highway 52 near the Lee county line was closed due to high water. The flooding came to an end on the morning of May 3.									
<b>KYZ119</b>									
<b>Martin</b>									
	30	0830EST 1625EST			0	0	0	0	Flood
Blacklog Road near Inez covered with water.									
<b>KYZ111</b>									
<b>Lee</b>									
	30	0855EST 1420EST			0	0	0	0	Flood
Dark Hollow, Murphys Fork, Mills Creek, and Red Lick roads were closed due to high water.									
<b>KYZ106</b>									
<b>Morgan</b>									
	30	0935EST 1420EST			0	0	0	0	Flood
Highway 191, near Highway 460 in West Liberty, closed due to high water. Mudslides were also reported on Highways 7 and 437.									
<b>KYZ111-114</b>									
<b>Lee - Owsley</b>									
	30	1235EST 2359EST			0	0	0	0	Flood
The South Fork of the Kentucky River at Booneville crested at 29.52 feet or 2.5 feet above flood stage on May 1, 2005 at 12:30 am EDT. The Kentucky River at Heidelberg crested at 21.50 feet or 1.5 feet above flood stage on May 1, 2005 at 3:30 pm EDT.									
<b>KYZ109</b>									
<b>Magoffin</b>									
	30	1236EST 2001EST			0	0	0	0	Flood

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## KENTUCKY, Eastern

The Licking River at Salyersville crested at 17.52 feet or 1.52 feet above flood stage on April 30, 2005 at 4 pm EDT.

## KENTUCKY, Northeast

## KENTUCKY, Northern

### Carroll County

Carrollton	22	1840EST 1844EST			0	0			Hail(0.88)
------------	----	--------------------	--	--	---	---	--	--	------------

### Gallatin County

2 N Sparta	22	1855EST 1900EST			0	0	3K		Thunderstorm Wind (G50)
------------	----	--------------------	--	--	---	---	----	--	-------------------------

Trees were downed near the intersection of Interstate 71 and State Route 35.

### Pendleton County

Peach Grove	22	1930EST 1935EST			0	0	15K		Thunderstorm Wind (G50)
-------------	----	--------------------	--	--	---	---	-----	--	-------------------------

A home sustained damage to its roof and front porch.

## KENTUCKY, Southwest

### KYZ014

#### Union

04 11	1100CST 1300CST			0	0				Flood
----------	--------------------	--	--	---	---	--	--	--	-------

Minor flooding of the Ohio River occurred, mainly upriver from the confluence of the Wabash River. At J.T. Myers Lock and Dam near Uniontown, the river crested at 37.8 feet on the 8th. This was less than a foot above the flood stage of 37 feet. Minor flooding of low-lying fields and woodlands occurred.

### Ballard County

Barlow	12	1412CST			0	0			Hail(0.75)
--------	----	---------	--	--	---	---	--	--	------------

Copious amounts of hail covered the ground.

### Hickman County

Oakton to 3 NW Clinton	21	1908CST 1915CST			0	0			Hail(0.75)
---------------------------	----	--------------------	--	--	---	---	--	--	------------

### KYZ005

#### Mccracken

22	1300CST 1700CST			0	0	1K			Strong Wind
----	--------------------	--	--	---	---	----	--	--	-------------

Strong west winds occurred in the wake of a cold front passage. The strongest sustained winds were around 30 MPH at Barkley Regional Airport near Paducah, with gusts to 40 MPH. Small trees were blown down a couple of miles south of the airport.

### Henderson County

Henderson	22	1445CST			0	0	30K		Thunderstorm Wind (G50)
-----------	----	---------	--	--	---	---	-----	--	-------------------------

Several trees and power lines were blown down. One tree landed on a police cruiser, damaging the windshield and hood. A tree landed on a house on Kentucky Highway 266. Some trees fell on Kentucky Highway 351 and on Old U.S. 60 East.

### Daviess County

1 SE Owensboro to Maceo	22	1526CST 1536CST			0	0			Thunderstorm Wind (G50)
----------------------------	----	--------------------	--	--	---	---	--	--	-------------------------

Several trees were blown down from the east side of Owensboro to the northeast corner of the county.

## LAKE ERIE

### LEZ146

#### Avon Point To Willowick Oh

Avon Point to Willowick	20	0855EST 1015EST			0	0			Marine Tstm Wind (G35)
----------------------------	----	--------------------	--	--	---	---	--	--	------------------------

# Storm Data and Unusual Weather Phenomena

April 2005

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Number of Persons Injured	Property	Estimated Damage Crops	Character of Storm
LAKE ERIE									
LEZ166	Le Avon Pt To Willowick Oh Byd 5Nm Offshore To Intl Border								
Avon Point to Willowick	20	0855EST 1015EST			0	0			Marine Tstm Wind (G35)
LEZ164	Le The Islands To Vermilion Oh Byd 5Nm Offshore To Intl Border								
The Islands to Vermilion	20	0855EST 1015EST			0	0			Marine Tstm Wind (G35)
LEZ165	Le Vermilion To Avon Pt Oh Byd 5Nm Offshore To Intl Border								
Vermilion to Avon Point	20	0855EST 1015EST			0	0			Marine Tstm Wind (G35)
LEZ167	Le Willowick To Geneva On The Lake Oh Byd 5Nm Offshore To Intl Border								
Willowick to Geneva-On-The-Lake	20	0855EST 1015EST			0	0			Marine Tstm Wind (G35)
LEZ144	The Islands To Vermilion Oh								
The Islands to Vermilion	20	0855EST 1015EST			0	0			Marine Tstm Wind (G35)
LEZ145	Vermilion To Avon Point Oh								
Vermilion to Avon Point	20	0855EST 1015EST			0	0			Marine Tstm Wind (G35)
LEZ147	Willowick To Geneva On The Lake Oh								
Willowick to Geneva-On-The-Lake	20	0855EST 1015EST			0	0			Marine Tstm Wind (G35)
A line of very strong thunderstorms moved east across Lake Erie and produced estimated wind gusts in excess of 35 knots.									
LEZ146	Avon Point To Willowick Oh								
Avon Point to Willowick	20	1345EST 1500EST			0	0			Marine Tstm Wind (G35)
LEZ163	Le Reno Beach To The Islands Oh Byd 5Nm Offshore To Intl Border								
Reno Beach to The Islands	20	1345EST 1500EST			0	0			Marine Tstm Wind (G35)
LEZ164	Le The Islands To Vermilion Oh Byd 5Nm Offshore To Intl Border								
The Islands to Vermilion	20	1345EST 1500EST			0	0			Marine Tstm Wind (G35)
LEZ165	Le Vermilion To Avon Pt Oh Byd 5Nm Offshore To Intl Border								
Vermilion to Avon Point	20	1345EST 1500EST			0	0			Marine Tstm Wind (G35)
LEZ167	Le Willowick To Geneva On The Lake Oh Byd 5Nm Offshore To Intl Border								
Willowick to Geneva-On-The-Lake	20	1345EST 1500EST			0	0			Marine Tstm Wind (G35)
LEZ143	Reno Beach To The Islands Oh								
Reno Beach to The Islands	20	1345EST 1500EST			0	0			Marine Tstm Wind (G35)
LEZ144	The Islands To Vermilion Oh								
The Islands to Vermilion	20	1345EST 1500EST			0	0			Marine Tstm Wind (G35)
LEZ145	Vermilion To Avon Point Oh								
Vermilion to Avon Point	20	1345EST 1500EST			0	0			Marine Tstm Wind (G35)
LEZ147	Willowick To Geneva On The Lake Oh								
Willowick to Geneva-On-The-Lake	20	1345EST 1500EST			0	0			Marine Tstm Wind (G35)
A line of severe thunderstorms moved east across Lake Erie and produced estimated wind gusts in excess of 35 knots.									
LEZ146	Avon Point To Willowick Oh								
Avon Point to Willowick	27 28	2330EST 0100EST			0	0			Marine Tstm Wind (G36)
LEZ166	Le Avon Pt To Willowick Oh Byd 5Nm Offshore To Intl Border								
Avon Point to Willowick	27 28	2330EST 0100EST			0	0			Marine Tstm Wind (G35)

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## LAKE ERIE

<b>LEZ164</b>	<b>Le The Islands To Vermilion Oh Byd 5Nm Offshore To Intl Border</b>								
The Islands to Vermilion	27	2330EST			0	0			Marine Tstm Wind (G35)
	28	0100EST							
<b>LEZ165</b>	<b>Le Vermilion To Avon Pt Oh Byd 5Nm Offshore To Intl Border</b>								
Vermilion to Avon Point	27	2330EST			0	0			Marine Tstm Wind (G35)
	28	0100EST							
<b>LEZ167</b>	<b>Le Willowick To Geneva On The Lake Oh Byd 5Nm Offshore To Intl Border</b>								
Willowick to Geneva-On-The-Lake	27	2330EST			0	0			Marine Tstm Wind (G35)
	28	0100EST							
<b>LEZ144</b>	<b>The Islands To Vermilion Oh</b>								
The Islands to Vermilion	27	2330EST			0	0			Marine Tstm Wind (G35)
	28	0100EST							
<b>LEZ145</b>	<b>Vermilion To Avon Point Oh</b>								
Vermilion to Avon Point	27	2330EST			0	0			Marine Tstm Wind (G35)
	28	0100EST							
<b>LEZ147</b>	<b>Willowick To Geneva On The Lake Oh</b>								
Willowick to Geneva-On-The-Lake	27	2330EST			0	0			Marine Tstm Wind (G35)
	28	0100EST							

A line of strong thunderstorms moved quickly east across Lake Erie and produced wind gusts in excess of 35 knots. A 36 knot thunderstorm wind gust was measured along the shore of Lake Erie at Cleveland Burke Lakefront Airport.

## LAKE MICHIGAN

<b>LMZ645</b>	<b>North Pt Lt To Wind Pt Wi</b>								
Milwaukee Harbor	19	2255CST			0	0			Marine Tstm Wind (G48)
	20	2255CST							
<b>LMZ646</b>	<b>Wind Pt Lt Wi To Winthrop Hbr Il</b>								
Kenosha	19	2345CST			0	0			Marine Tstm Wind (G35)

Thunderstorms developed along a cold front that moved east across Lake Michigan. These storms produced wind gusts on the range of 35 to 48 knots (40 to 54 mph) along the Lake Michigan shoreline from Milwaukee to Kenosha.

## LOUISIANA, Northeast

<b>RichlandParish</b>									
Mangham	01	0100CST			0	0			Hail(1.00)
<b>FranklinParish</b>									
Baskin to 7 NNE Baskin	01	0104CST			0	0			Hail(1.75)
		0112CST							
<b>FranklinParish</b>									
Wisner	06	0338CST			0	0	5K		Thunderstorm Wind (G53)
A tree and a power line were blown down.									
<b>TensasParish</b>									
Somerset	06	0350CST			0	0	45K		Thunderstorm Wind (G58)
An irrigation pivot rig was blown over and mangled.									
<b>CatahoulaParish</b>									
7 N Harrisonburg	06	0410CST			0	0			Thunderstorm Wind (G50)
Two trees were blown down on highway 124.									
<b>TensasParish</b>									
St Joseph	06	0422CST			0	0	15K		Thunderstorm Wind (G58)
Several power poles were blown down.									
<b>MadisonParish</b>									
3 SW Delta to 1 E Delta	11	0346CST			0	0			Hail(0.75)
		0348CST							

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b><u>LOUISIANA, Northeast</u></b>									
<b>East CarrollParish</b>									
2 NE Transylvania to 4 NE Transylvania	11	1316CST 1318CST			0	0	80K		Thunderstorm Wind (G70)
Many trees were blown down between Transylvania and the Mississippi River. A few homes were damaged by fallen trees.									
<b>West CarrollParish</b>									
3 NE Epps to 5 NNE Epps	22	1542CST 1545CST			0	0			Hail(1.00)
<b>East CarrollParish</b>									
12 W Alsatia to 6 W Alsatia	22	1544CST 1551CST			0	0			Hail(1.00)
<b>RichlandParish</b>									
1 NW Alto to 5 NE Mangham	22	1600CST 1618CST			0	0	30K		Hail(1.25)
A supercell thunderstorm moved across Central Richland parish and produced a swath of penny to half dollar sized hail. The storm moved east-southeast and then into Franklin parish.									
<b>FranklinParish</b>									
5 N Baskin to 4 SE Crowville	22	1615CST 1641CST			0	0	250K	300K	Hail(1.75)
This supercell thunderstorm moved out of Richland parish and tracked east-southeast across the northern portion of Franklin parish. A swath of quarter to golf ball sized hail fell from north of Baskin to just east and southeast of Crowville. The supercell continued off to the east-southeast and moved into Southwest Madison parish and Northern Tensas parish.									
<b>MadisonParish</b>									
15 SSW Waverly to 18 S Waverly	22	1637CST 1644CST			0	0	20K		Hail(1.75)
This supercell thunderstorm moved out of Franklin parish and crossed the far Southwest corner of Madison parish before moving into Northern Tensas parish. A small swath of quarter to golf ball sized hail occurred.									
<b>TensasParish</b>									
7 N New Light to 4 S Newellton	22	1642CST 1725CST			0	0	150K	200K	Hail(1.75)
This supercell thunderstorm moved out of far Southwest Madison parish and into Northern Tensas parish. The storm tracked southeast from near New Light to just south of Newellton and produced a swath of penny to golf ball sized hail. The storm weakened as it reached the Mississippi River.									
<b>MorehouseParish</b>									
2 SW Bastrop to 5 NE Bastrop	29	2042CST 2055CST			0	0	80K		Hail(2.75)
Quarter to baseball sized hail briefly fell west and to the north of Bastrop.									
<b>FranklinParish</b>									
Baskin	29	2130CST			0	0			Hail(0.75)
<b>West CarrollParish</b>									
Goodwill	29	2238CST			0	0	5K		Thunderstorm Wind (G50)
Several large limbs were blown down around the area. A few of these large limbs took down a power line									
<b>FranklinParish</b>									
Wisner	30	0025CST			0	0			Hail(0.75)
<b><u>LOUISIANA, Northwest</u></b>									
<b>WinnParish</b>									
Sikes	01	0005CST			0	0			Hail(0.88)
Hail covered the ground.									
<b>CaldwellParish</b>									
15 NW Columbia	01	0020CST			0	0			Hail(0.88)
Hail fell in Vixen.									
<b>OuachitaParish</b>									
West Monroe to Monroe	01	0035CST 0040CST			0	0			Thunderstorm Wind (G58)

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Number of Persons Injured	Estimated Damage Property Crops	Character of Storm
<b><u>LOUISIANA, Northwest</u></b>								
A few trees were downed...including one that fell atop a mobile home in West Monroe. Trees were also downed on Shady Ln and near Finks and Hideaway Rd.								
<b>CaldwellParish</b> <b>Columbia</b>	01	0035CST			0	0		Hail(0.88)
<b>CaldwellParish</b> <b>7 NE Columbia</b>	01	0040CST			0	0		Hail(0.88)
Hail fell in the town of Hebert.								
<b>GrantParish</b> <b>Dry Prong</b>	01	0215CST			0	0		Hail(1.00)
<b>BossierParish</b> <b>Plain Dealing</b>	05	2100CST			0	0	50K	Lightning
Lightning stuck a home in town resulting in moderate damage. No injuries were reported.								
<b>De SotoParish</b> <b>10 E Mansfield</b>	05	2225CST			0	0		Hail(0.75)
<b>BossierParish</b> <b>Plain Dealing</b>	05	2230CST			0	0		Hail(1.00)
<b>BienvilleParish</b> <b>5 SW Fryeburg to 1 W Fryeburg</b>	05	2315CST 2321CST	3	300	0	1	300K	Tornado (F1)
A supercell storm spawned a tornado across northwest Bienville parish. The storm destroyed two mobile homes and did minor damage to 6 other homes along its path. Numerous trees and powerlines were also blown over in the storm. There was one injury from a tree hitting a mobile home approximately one half mile north of Fryeburg.								
<b>WebsterParish</b> <b>3 S Heflin to 2 SE Heflin</b>	05	2321CST 2330CST	1	300	0	0	250K	Tornado (F1)
This was a continuation of the tornado that first formed 4 miles SW of Fryeburg...and then crossed into extreme southern Webster Parish. This storm destroyed two mobile homes and damaged four other homes along with uprooting or snapping several trees along its path. Several power poles were also downed.								
<b>BienvilleParish</b> <b>1 N Fryeburg to 2 NE Fryeburg</b>	05	2330CST 2335CST	2	300	0	0		Tornado (F1)
This storm was a continuation of the tornado that originally touched down in Bienville Parish before moving northeast into southern Webster Parish before once again entering into Bienville Parish before dissipating. The storm continued to knock down trees and powerlines but did no other damage.								
<b>JacksonParish</b> <b>Chatham</b>	06	0100CST			0	0		Hail(0.75)
<b>GrantParish</b> <b>5 E Colfax</b>	06	0215CST			0	0		Thunderstorm Wind (G55)
A few trees were downed.								
<b>GrantParish</b> <b>Fishville</b>	06	0310CST			0	0		Hail(0.75)
<b>La SalleParish</b> <b>Jena</b>	06	0340CST			0	0		Hail(0.75)
<b>CaddoParish</b> <b>Shreveport</b>	11	0543CST 1200CST			0	0		Flash Flood
Severe street flooding at Pines Rd and Interstate 20...at Line Ave and Evangel...and on the 2200 block of Grimmet Dr.								

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b><u>LOUISIANA, Northwest</u></b>									
<b>CaddoParish</b> <b>5 SW Shreveport</b>	<b>11</b>	<b>0700CST</b>			<b>0</b>	<b>0</b>	<b>125K</b>		<b>Lightning</b> Lightning struck the roof of a home in Keithville resulting in a house fire. The fire consumed the house and a vehicle parked inside the garage. There were no injuries.
<b>BossierParish</b> <b>5 E Benton</b>	<b>11</b>	<b>0700CST</b> <b>1100CST</b>			<b>0</b>	<b>0</b>			<b>Flash Flood</b> Water across the road from a creek over flowing.
<b>BossierParish</b> <b>Benton</b>	<b>11</b>	<b>0725CST</b> <b>1100CST</b>			<b>0</b>	<b>0</b>			<b>Flash Flood</b> Severe street flooding in the downtown area.
<b>CaddoParish</b> <b>Shreveport</b>	<b>11</b>	<b>0800CST</b> <b>1200CST</b>			<b>0</b>	<b>0</b>			<b>Flash Flood</b> Excessive heavy rainfall resulted in a bridge being washed out on Jefferson Paige Rd. on the west side of town.
<b>BossierParish</b> <b>Bossier City</b>	<b>11</b>	<b>0820CST</b> <b>1100CST</b>			<b>0</b>	<b>0</b>			<b>Flash Flood</b> Road closures from excessive heavy rainfall at Old Minden Rd, Preston and Patricia as well as Airline Dr.
<b>WebsterParish</b> <b>Springhill</b>	<b>11</b>	<b>0841CST</b> <b>1100CST</b>			<b>0</b>	<b>0</b>			<b>Flash Flood</b> Downtown street flooding.
<b>WebsterParish</b> <b>Dixie Inn</b>	<b>11</b>	<b>0900CST</b> <b>1100CST</b>			<b>0</b>	<b>0</b>			<b>Flash Flood</b> The Interstate 20 on-ramp near Dixie Inn was barricaded from excessive heavy rainfall.
<b>ClaiborneParish</b> <b>Homer</b>	<b>11</b>	<b>0925CST</b> <b>1245CST</b>			<b>0</b>	<b>0</b>			<b>Flash Flood</b> Several roads closed due to high water around Homer...as well as Hwy 3062 west of town...and Hwy 520 north of the Detention Center.
<b>SabineParish</b> <b>Converse</b>	<b>11</b>	<b>0940CST</b>			<b>0</b>	<b>0</b>			<b>Thunderstorm Wind (G56)</b> A few trees were downed near Hwy 171.
<b>SabineParish</b> <b>7 W Florien</b>	<b>11</b>	<b>1040CST</b>			<b>0</b>	<b>0</b>			<b>Thunderstorm Wind (G55)</b> Trees downed on Hwy 191.
<b>De SotoParish</b> <b>1 S Mansfield</b>	<b>22</b>	<b>1002CST</b>			<b>0</b>	<b>0</b>			<b>Hail(1.25)</b> Hail fell on the south side of town.
<b>SabineParish</b> <b>Pleasant Hill</b>	<b>22</b>	<b>1050CST</b>			<b>0</b>	<b>0</b>			<b>Hail(0.75)</b>
<b>UnionParish</b> <b>4 SE Downsville</b>	<b>29</b>	<b>2030CST</b>			<b>0</b>	<b>0</b>			<b>Hail(1.50)</b>
<b>UnionParish</b> <b>6 E Downsville</b>	<b>29</b>	<b>2033CST</b>			<b>0</b>	<b>0</b>			<b>Hail(1.75)</b> Golfball sized hail fell at Rocky Branch.
<b>OuachitaParish</b> <b>5 NW Monroe</b>	<b>29</b>	<b>2034CST</b>			<b>0</b>	<b>0</b>			<b>Hail(1.00)</b>
<b>OuachitaParish</b> <b>Sterlington</b>	<b>29</b>	<b>2035CST</b>			<b>0</b>	<b>0</b>			<b>Hail(1.75)</b>

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Persons Injured	Estimated Damage Property Crops	Character of Storm
<b><u>LOUISIANA, Northwest</u></b>								
<b>OuachitaParish</b> <b>Sterlington</b>	<b>29</b>	<b>2035CST</b>			<b>0</b>	<b>0</b>		<b>Hail(1.00)</b>
<b>CaldwellParish</b> <b>Grayson</b>	<b>29</b>	<b>2330CST</b>			<b>0</b>	<b>0</b>		<b>Hail(1.00)</b>
<b>CaldwellParish</b> <b>Grayson</b>	<b>29</b>	<b>2330CST</b>			<b>0</b>	<b>0</b>		<b>Thunderstorm Wind (G56)</b> Trees and power lines were downed.
<b><u>LOUISIANA, Southeast</u></b>								
<b>TangipahoaParish</b> <b>1.5 NW Kentwood</b>	<b>06</b>	<b>0640CST 0645CST</b>	<b>0.2</b>	<b>20</b>	<b>0</b>	<b>0</b>	<b>2K</b>	<b>Tornado (F0)</b> A weak tornado briefly touched down in the Line Creek community destroying 5 sheds, damaging a house, uprooting 3 trees, and knocking over a gas tank.
<b>JeffersonParish</b> <b>Lafitte to 3 NE Lafitte</b>	<b>06</b>	<b>0922CST 0928CST</b>	<b>3</b>	<b>40</b>	<b>0</b>	<b>0</b>	<b>10K</b>	<b>Tornado (F0)</b> A tornado touched down in Lafitte in Jefferson Parish near City Park Street and Highway 45 causing damage to trees and power lines and blowing a vehicle off the road along Highway 45. The tornado later continued to travel northeast into Plaquemines Parish
<b>PlaqueminesParish</b> <b>3 SW Bertrاندville to 5 NE Bertrاندville</b>	<b>06</b>	<b>0928CST 0940CST</b>	<b>8</b>	<b>40</b>	<b>0</b>	<b>0</b>	<b>100K</b>	<b>Tornado (F1)</b> A tornado moved out of Jefferson Parish northeastward into Plaquemines Parish where about 25 homes and several trees and power lines were damaged from the Bertrاندville area to near Braithwaite. The tornado continued to move northeast into St. Bernard Parish.
<b>St. BernardParish</b> <b>3 WSW St Bernard to 2 W St Bernard</b>	<b>06</b>	<b>0940CST 0945CST</b>	<b>2</b>	<b>40</b>	<b>0</b>	<b>0</b>	<b>10K</b>	<b>Tornado (F1)</b> A tornado moved into St. Bernard Parish where some tree damage occurred before dissipating A meso-cyclone thunderstorm produced a tornado causing damage from Jefferson Parish northeastward across Plaquemines and St. Bernard Parishes.
<b>LafourcheParish</b> <b>Port Fourchon to 2 NE Port Fourchon</b>	<b>06</b>	<b>1112CST 1118CST</b>	<b>2</b>	<b>50</b>	<b>0</b>	<b>2</b>	<b>250K</b>	<b>Tornado (F2)</b> A waterspout moved onshore as a multi vortex tornado in Port Fourchon resulting in damage to approximately 12 structures, including several port buildings and three businesses. A few buildings sustained significant damage. Two persons suffered minor injuries. Several hundred vehicles were damage either by flying debris, or with windows blown out. Approximately one mile of power lines were downed along Louisiana Highway 3090 which leads to Port Fourchon.
<b>PlaqueminesParish</b> <b>Port Sulphur</b>	<b>06</b>	<b>1210CST 1220CST</b>	<b>1</b>	<b>50</b>	<b>0</b>	<b>0</b>	<b>20K</b>	<b>Tornado (F1)</b> The same meso-cylone thunderstorm that produced a tornado earlier in Port Fourchon, spawned another tornado that touched down near Port Sulphur damaging 15 mobile homes and snapping several telephone poles.
<b>TerrebonneParish</b> <b>5 S Chauvin</b>	<b>06</b>	<b>1245CST</b>			<b>0</b>	<b>0</b>	<b>25K</b>	<b>Thunderstorm Wind (G50)</b> Thunderstorm wind gusts caused mainly roof damage to six homes, and several trees were blown down as well as power lines downed.
<b>LafourcheParish</b> <b>Thibodaux</b>	<b>11</b>	<b>1724CST</b>			<b>0</b>	<b>0</b>		<b>Hail(0.75)</b>
<b>JeffersonParish</b> <b>Metairie</b>	<b>11</b>	<b>2200CST</b>			<b>0</b>	<b>0</b>	<b>1K</b>	<b>Thunderstorm Wind (G50)</b> A tree was blown down on a truck.



# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## LOUISIANA, Southeast

### Pointe CoupeeParish

**Lottie**      **22**      **1808CST**                **0**      **0**           **Hail(1.75)**  
Golf ball and quarter size hail was reported.

### WashingtonParish

**1 W Franklinton**      **26**      **1230CST**                **0**      **0**           **Hail(0.75)**

### WashingtonParish

**Pine**      **26**      **1235CST**                **0**      **0**           **Hail(0.88)**  
Nickel size hail was observed.

### St. TammanyParish

**Abita Spgs**      **30**      **0557CST**                **0**      **0**      **1K**           **Thunderstorm Wind (G50)**  
Trees were reported down on Highway 36 and on Highway 437.

## LOUISIANA, Southwest

### EvangelineParish

**Ville Platte**      **06**      **0820CST**                **0**      **0**           **Hail(1.75)**

### St. LandryParish

**4 WNW Big Cane**      **06**      **0845CST**                **0**      **0**           **Hail(0.88)**

### AvoyellesParish

**Bordelonville**      **06**      **1145CST**                **0**      **0**           **Hail(0.75)**

### BeauregardParish

**7 WNW Fields**      **11**      **1145CST**                **0**      **0**      **10K**           **Thunderstorm Wind (G50)**  
Trees were blown down across the road and a tin roof was blown off a home.

### BeauregardParish

**Fields**      **11**      **1147CST**                **0**      **0**           **Hail(0.75)**

### RapidesParish

**4 NE Gardner**      **22**      **1528CST**                **0**      **0**      **2K**           **Thunderstorm Wind (G50)**  
Trees and power lines were blown down.

### RapidesParish

**5 SW Alexandria**      **22**      **1530CST**                **0**      **0**           **Hail(1.75)**

### AvoyellesParish

**Bunkie**      **22**      **1635CST**                **0**      **0**      **800K**           **Thunderstorm Wind (G60)**  
Extensive damage occurred across Bunkie. Many trees and power lines were blown down, some across homes, automobiles, and businesses. the worst damage happened on the east side of the tracks, where several homes received roof damage, and several businesses had sheet metal ripped off the roofs and walls.

### AvoyellesParish

**8 SE Evergreen**      **22**      **1655CST**                **0**      **0**           **Hail(0.88)**

### St. LandryParish

**Big Cane**      **22**      **1700CST**                **0**      **0**      **100K**           **Thunderstorm Wind (G50)**  
Several homes and businesses were damaged when trees and power lines were blown down.

### St. LandryParish

**Melville**      **22**      **1735CST**                **0**      **0**           **Hail(1.00)**

## MAINE, North

### MEZ004-010-031

### Northern Piscataquis - Central Piscataquis - Southern Piscataquis

**02**      **2200EST**                **0**      **0**           **Flood**  
**06**      **1100EST**

Low pressure tracking slowly north across New England to the Saint Lawrence River Valley brought heavy rains to the region. Event rainfall totals generally ranged from 1.50 to 2.50 inches...with localized totals to around 3.00 inches across terrain enhanced areas. Water levels on rivers and streams were still elevated from a heavy rain event less than a week before which had led to flooding. The

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--	---------------------------------------	--------------------

## MAINE, North

combination of already elevated water levels...heavy rain...snow melt and lingering river ice contributed to new flooding with this event.

Flooding initially developed along the Piscataquis River...Kingsbury Stream and Pleasant River where several roads were closed. The elevated river levels caused the remaining river ice to move and jam resulting in ice jams across the region. Ice jams were reported on the Piscataquis River...Sebec River...Pleasant River and Kingsbury Stream.

MEZ005-011-015

### **Northern Penobscot - Central Penobscot - Southern Penobscot**

**05 0400EST 0 0 Flood**  
**06 1100EST**

Low pressure tracking slowly north across New England to the Saint Lawrence River Valley brought heavy rains to the region. Event rainfall totals generally ranged from 1.00 to 2.50 inches. Water levels on rivers and streams were still elevated from a heavy rain event less than a week before which had led to flooding. The combination of already elevated water levels...heavy rains...snow melt and lingering river ice contributed to new flooding with this event.

An ice jam developed along the East Branch of the Penobscot River near the town of Grindstone along Route 11. This caused flooding of Route 11 from 5 miles north of Grindstone to 5 miles south of Grindstone...resulting in the closure of this 10 mile stretch of road. Several homes were also evacuated in this area due to the rising waters. Lesser flooding of smaller rivers and streams was also reported across the rest of the county...especially along portions of the Mattawamkeag River.

MEZ001>002-006

### **Northwest Aroostook - Northeast Aroostook - Southeast Aroostook**

**06 2230EST 0 0 Flood**  
**14 1200EST**

A combination of heavy late winter snows...several heavy rain events and thick extensive ice on area rivers and streams set the stage for a prolonged ice jam event across Aroostook county. Rising river levels due to a combination of heavy rain and snowmelt caused river ice to begin to move and jam in early April.

An ice jam developed on the Aroostook River between Caribou and Fort Fairfield during the night of the 6th causing the river to overflow...resulting in the closure of a road along the Caribou - Fort Fairfield town line. Elevated waters from this ice jam backed up into several brooks and streams entering the Aroostook River near the point of the ice jam causing them to overflow their banks and threaten other roads.

Another ice jam developed along the Aroostook River...upriver of the Caribou dam during the morning of the 7th. River levels rose quickly in the vicinity of the ice jam leading to flooding near the town of Parkhurst and along several roads bordering the river. During the night of the 7th...ice began to move on the Saint John River near Big Rapids and Dickey. Ice also began to move on the Allagash river...which feeds into the Saint John River near Dickey. Water levels on the Saint John and Allagash rivers...along with tributary streams and brooks...continued to rise through the night. This produced continued ice movement and jamming.

The ice jam on the Saint John River in the vicinity of Big Rapids and Dickey continued to grow during the 8th with ice accumulating to depths of 30 feet in spots. Ice jams continued to produce rapid fluctuations across the Saint John...Allagash and Aroostook river basins during the 8th along both mainstem rivers and smaller streams and brooks. Another ice jam developed on the Saint John River between the towns of Grand Isle and Lille with continuing increases in river levels. Along the Aroostook River...ice jammed against the Route 1A bridge at Fort Fairfield where rising water levels closed the road for a time in the vicinity of the bridge.

Melting snow continued to supply water to area rivers during the 9th and 10th. The Saint John river continued to rise in the vicinity of Grand Isle and Lille...with the river spilling over onto surrounding low lying agricultural lands in spots during the morning of the 9th. Elevated levels on the Aroostook River in the vicinity of Fort Fairfield continued to affect roads near the river. Other ice jams were scattered along the length of the Aroostook River leading to localized lowland flooding which affected some roads bordering the river. Along the Aroostook River...in the vicinity of Washburn...low lying areas of the town park and boat launch were flooded...with a portion of Route 164 near the river closed due to flooding. The Aroostook river briefly exceeded the flood stage at the Washburn forecast point. Flood stage at Washburn is 14.0 feet and the river briefly crested at 14.1 feet during an ice jam on the 9th. The ice jam on the Saint John River near Dickey and Big Rapids remained active resulting in the flooding of a private road which cut off access to several homes.

A 2 mile long ice jam on the Aroostook River in the vicinity of Fort Fairfield continued to produce elevated river levels with spillover onto low lying lands and roads bordering the river. Ice jams persisted across the Saint John...Allagash and Aroostook River basins on both mainstem rivers and smaller streams and brooks. Many towns and roads were affected by elevated water levels due to ice jams. The ice jam near the Caribou dam finally released and moved downriver toward the Fort Fairfield ice jam during the night of the 10th leading to occasional flooding between Caribou and Fort Fairfield.

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--	---------------------------------------	--------------------

## MAINE, North

Ice jams persisted on rivers and streams across northern Aroostook county during the 11th. A three mile ice jam existed on the Aroostook River near Fort Fairfield. Ice jams persisted along the length of the Saint John River from near Nine Mile Bridge in northwest Aroostook county to Van Buren in northeast Aroostook county along the border of Maine and New Brunswick. The ice jam on the Saint John River in the vicinity of Dickey and Big Rapids had grown to nearly 12 miles in length...with ice piled 30 feet deep in spots. Reports of bridge damage and closures from the North Maine woods began to be received during the morning of the 11th due to ice damage along both the Saint John River and Allagash Rivers. Flooding of low lying agricultural land persisted along portions of the Saint John and Aroostook rivers with sections of some roads remaining closed due to flooding.

Ice continued to move and jam during the 12th with snowmelt contributing to further increases on rivers and streams...with numerous reports of ice jam flooding on both mainstem rivers along with smaller streams and brooks. Another ice jam developed near the mouth of the Saint Francis River where it feeds into the Saint John River...where an extensive ice jam still existed. The ice jam on the Saint Francis River led to flooding of surrounding low lying areas but did not threaten roads or homes. Flooding of low lying agricultural land persisted along the Saint John River From Grand Isle to Van Buren.

Ice continued to move and jam across the region during the 13th. River levels finally began to recede during the 14th leaving much of the ice either grounded on river banks or along river bottoms. During the 14th much of the remaining flooding was confined to low lying agricultural land bordering rivers and streams. Ice jams persisted through much of the next week...particularly along portions of the Saint John river and Allagash river. However...the ice continued to decay with the rivers cutting paths through the remaning ice with ice also continuing to flush through the rivers. River and lake levels remained elevated enough to continue spilling over onto some low lying agricultural lands during this time. Much of the remaining ice was finally flushed through the river systems from the 20th to the 22nd...with other ice left grounded on the river banks to slowly melt. The ice jam on the Saint John River in the vicinity of Dickey and Big Rapids was considered one of the worst in decades.

MEZ004-010-031

### Northern Piscataquis - Central Piscataquis - Southern Piscataquis

24	2000EST	0	0	Flood
26	0500EST			

Another in a series of heavy rain producing storms brought 1.50 to 2.50 inches of rain to the region...with local totals to around 3.00 inches in terrain enhanced areas. This heavy rain falling on soil already saturated from snow melt and several weeks of rain produced rapid run-off into already elevated rivers and streams. Rivers and streams responded quickly to the heavy rains causing many to overflow their banks flooding low lying areas and causing the closure of some roads and bridges. The smaller rivers and streams responded initially...with mainstem river flooding developing shortly thereafter.

The Piscataquis River at Dover-Foxcroft exceeded flood stage of 11.0 feet during the morning of the 25th...cresting at around 12.0 feet that evening...then falling back below flood stage during the early morning hours of the 26th. This flooding...along with flooding on the Pleasant River and Kingsbury Stream...led to road closures around Guilford...Dover-Foxcroft and Brownville Junction. The elevated waters of the Piscataquis River tore the Howland town docks from their moorings and washed them downriver. Water levels began to gradually recede during the night of the 25th...with diminishing flooding...though river levels remained elevated.

MEZ005-011-015

### Northern Penobscot - Central Penobscot - Southern Penobscot

25	1900EST	0	0	Flood
26	0800EST			

Another in a series of heavy rain producing storms brought 1.00 to 2.00 inches of rain to the region...with locally higher totals. This heavy rain falling on soil already saturated from snow melt and several weeks of rain produced rapid run-off into already elevated rivers and streams. Rivers and streams responded quickly to the heavy rains causing many to overflow their banks flooding low lying areas and causing the closure of some roads and bridges. The smaller rivers and streams responded initially...with the mainstem rivers then rising shortly thereafter.

The East Branch of the Penobscot River overflowed in the vicinity of Grindstone flooding portions of Route 11...which had to be closed for a time. Other...mainly lesser...small stream flooding was reported across the rest of the county. Flooding diminished during the early morning hours of the 26th.

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--	---------------------------------------	--------------------

## MAINE, North

**MEZ001>002-005>006-011-015>016-029**      **Northwest Aroostook - Northeast Aroostook - Northern Penobscot - Southeast Aroostook - Central Penobscot - Southern Penobscot - Interior Hancock - Coastal Hancock**

**27 1500EST 0 0 Flood**  
**30 2359EST**

Yet another low pressure system brought abundant moisture and heavy precipitation to the region...shortly after the previous system. The storm brought heavy rain to the region from the night of the 27th to the 28th. Event rainfall totals of 1.50 to 3.00 inches were common across the region...with local totals in excess of 4.00 inches. The heaviest rains...exceeding 4.00 inches in spots...occurred across portions of Hancock county. Some of the heavier rain totals were also reported across terrain enhanced areas of Penobscot county. Rivers and streams had little time to recover from the previous heavy rains occurring just shortly before this event. These most recent heavy rains...combined with a month of snow melt and several previous heavy rain events...caused rivers and streams to rise rapidly from already elevated levels. Across Aroostook county...melting snow provided additional water particularly to the Saint John River and tributaries. In addition...water releases from dams in preparation for this event led to flooding along some smaller rivers and streams before the rains even began across portions of Penobscot and Hancock counties. Elevated lake levels caused increased flows on streams and rivers draining the lakes which also contributed to flooding of roads and basements.

Rivers and streams rose rapidly in response to the heavy rains. Reports of lowland flooding and road closures began to be received during the morning of the 28th. Across the North Maine woods of northwest Aroostook county many small streams and brooks were reported over their banks leading to flooding of many roads...leading to travel restrictions in that area. The elevated waters of the Fish River in northern Aroostook county contributed to the flooding of some basements from the vicinity of Soldier Pond to Fort Kent. Elevated lake levels also flooded camps and homes bordering the lakes. The Saint John...Allagash and Aroostook Rivers of northern Aroostook county were very elevated...but generally remained below flood stage with the exception of some spillover onto low lying agricultural land.

Across Penobscot county...many reports of lowland flooding were received along with some road closures. A portion of Route 11 was again closed due to flooding in the vicinity of Grindstone. Flooding was also reported along the Millinocket Stream in Millinocket. Around 250 people in Millinocket were cut off from their homes for a time due to flooding...requiring a school bus to provide access across flooded roads. Around a dozen homes on Route 2 near Milford were surrounded by water...with several roads closed...due to the elevated Penobscot River. The Penobscot River also spilled over onto the parking lots of several businesses in Old Town. The initial flooding was reported along the smaller tributary streams and rivers of the mainstem Penobscot River. The Penobscot River exceeded flood stage at both the West Enfield and Eddington forecast points. The flood stage at both West Enfield and Eddington is 18.0 feet. Flood stage at West Enfield was exceeded during the early morning hours of the 29th...cresting at nearly 20.0 feet later that night...then falling back below flood stage during the early morning hours of May 1st. Flood stage at Eddington was exceeded during the early morning hours of the 30th...cresting at around 18.5 feet that evening...then falling back below flood stage during the evening of May 1st.

Across Hancock county lowland flooding and road closures were common particularly across the Blue Hill peninsula and in Ellsworth along the Union River.

**MEZ003>004-010-031**      **Northern Somerset - Northern Piscataquis - Central Piscataquis - Southern Piscataquis**

**28 0900EST 0 0 Flood**  
**30 2359EST**

Yet another low pressure system brought abundant moisture and heavy precipitation to the region...shortly after the previous system. The storm brought heavy rain to the region from the night of the 27th to the 28th. Event rainfall totals of 1.50 inches to 3.50 inches occurred across the region...with the higher totals generally occurring across terrain enhanced areas of Piscataquis county. Rivers and streams had little time to recover from the previous heavy rain event occurring just shortly before this event. These most recent rains...combined with a month of snow melt and several previous heavy rain events...caused rivers and streams to rise rapidly from already elevated levels. Across northern Somerset county...melting snow provided additional water particularly to the Saint John River and its tributaries.

Rivers and streams rose rapidly in response to the heavy rains. Reports of low land flooding and road closures began to be received during the morning of the 28th. Across the North Maine woods of northern Somerset county many small streams and brooks were reported over their banks leading to flooding of many roads...leading to travel restrictions there. Across Piscataquis county...many reports of small river and stream flooding were initially reported. The Pleasant River road was closed between Milo and Brownville due to a washout. The Back Abbot Road was also closed in the vicinity of Kingsbury Stream. Many other roads across the county were also closed due to flooding. Much of the initial flooding was reported along the smaller tributary streams and rivers of the mainstem Piscataquis River. The Piscataquis river did exceed flood stage at the Dover - Foxcroft forecast point. Flood stage at Dover - Foxcroft is 11.0 feet. Flood Stage at Dover - Foxcroft was exceeded during the evening of the 28th...cresting at around 11.2 feet several hours later...then falling back below flood stage during the morning of the 29th

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------	---------------------------------	---------------------------------	------------------------------	--------------------

## MAINE, North

MEZ017-030-032

**Central Washington - Coastal Washington - Northern Washington**

<b>28</b>	<b>1500EST</b>	<b>0</b>	<b>0</b>	<b>Flood</b>
<b>30</b>	<b>2359EST</b>			

Yet another low pressure system brought abundant moisture and heavy precipitation to the region...shortly after the previous system. The storm brought heavy rain to the region from the night of the 27th to the 28th. Event rainfall totals of 1.50 to 3.00 inches were common across the region...with local totals in excess of 4.00 inches. Rivers and streams had little time to recover from the previous heavy rain event occurring just shortly before this event. These most recent heavy rains...combined with a month of snow melt and several previous heavy rain events...caused rivers and streams to rise rapidly from already elevated levels

Rivers and streams rose rapidly in response to the heavy rains. Reports of lowland flooding and road closures began to be received during the morning of the 28th. Areas of flooding continued to be reported through the 30th...with water levels then receding during the early morning hours of May 1st.

MEZ001

**Northwest Aroostook**

<b>29</b>	<b>0800EST</b>	<b>0</b>	<b>0</b>	<b>Heavy Snow</b>
	<b>1400EST</b>			

Cold air wrapping around exiting low pressure changed rain to snow across northwest Aroostook county. The result was a late season snow event which produced 5 to 10 inches of heavy wet snow. The heavy wet snow accumulating on tree branches weighed down the branches causing them to contact power lines or snap and fall onto power lines...contributing to power outages. Around 3500 customers lost power at various times during this event.

## MAINE, South

MEZ007>009-012>014-018>028

**Northern Oxford - Northern Franklin - Central Somerset - Southern Oxford - Southern Franklin - Southern Somerset - Interior York - Interior Cumberland - Androscoggin - Kennebec - Interior Waldo - Coastal York - Coastal Cumberland - Sagadahoc - Lincoln - Knox - Coastal Waldo**

<b>03</b>	<b>0100EST</b>	<b>0</b>	<b>0</b>	<b>1.3M</b>	<b>0</b>	<b>Flood</b>
<b>04</b>	<b>1100EST</b>					

A low pressure system moving slowly northeast from through the Mid-Atlantic States spread rain into Maine during the afternoon of April 2. Heavy rain continued through the 3rd as the storm continued to move slowly northeast. Rainfall amounts ranged from 2 to 4 inches across the area with Lisbon Falls receiving 4.10 inches. The rain, in combination with snowmelt, produced numerous road washouts throughout the area and caused 1.3 million dollars in damage.

The Carrabassett River at North Anson rose above the flood stage of 15 feet at 3:45 pm on the 3rd and remained above flood stage until 1:00 am on the 4th, reaching a crest of 16.77 feet at 4:30 pm on the 3rd.

The Kennebec River at Skowhegan was above the 35,000 cfs flood flow from 4:30 pm on the 3rd to 12:30 pm on the 5th and reached a crest of 69,825 cfs at 5:00 am on the 4th. The Kennebec River at North Sydney rose above the flood stage of 17 feet at 6:30 pm on the 3rd and dropped below flood stage at 12:30 pm on the 5th, cresting at 22.29 feet at 10:30 am on the 4th. The Kennebec River at Augusta was above the 13 foot flood stage from 7:00 pm on the 3rd to 7:00 pm on the 5th, reaching a crest of 18.83 feet at 12:15 pm on the 4th.

The Presumpscot River at Westbrook was above the 15 foot flood stage from 7:30 am on the 3rd to 11:30 am on the 4th, reaching a crest of 20.05 feet at 6:00 pm on the 3rd.

The Swift River at Roxbury was above the flood stage of 7 feet from 10:00 am to 9:30 pm on the 3rd, reaching a crest of 8.55 feet at 3:00 pm.

The Androscoggin River at Auburn rose above the flood stage of 13 feet at 10:00 pm on the 3rd and remained above flood stage until 6:00 pm on the 5th, reaching a crest of 16.44 feet at 7:00 pm on the 4th.

MEZ023

**Coastal York**

<b>03</b>	<b>0440EST</b>	<b>0</b>	<b>0</b>	<b>200K</b>	<b>Storm Surge</b>
	<b>0645EST</b>				

Low pressure developed over the Gulf States on Friday, April 1, and intensified as it moved slowly northeastward through the Mid-Atlantic States on the 2nd and 3rd, reaching northern New England by the morning of the 4th. A prolonged east-southeasterly gale developed in the Gulf of Maine, causing a high storm tide with large ocean waves, especially on the morning of the 3rd. Minor coastal flooding was reported in Kennebunk with isolated minor to moderate flooding in Saco. About 200 feet of roadway on Surf

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--	---------------------------------------	--------------------

## MAINE, South

Street in Saco was eroded with another road partially washed out. In Camp Ellis, two feet of water covered roads. At one of residence in Saco, sand filled a new in-ground pool. Waves crashed over the seawall in Kennebunk. Total damage was estimated at \$200,000.

**MEZ007>009-012>014 Northern Oxford - Northern Franklin - Central Somerset - Southern Oxford - Southern Franklin - Southern Somerset**

<b>24</b>	<b>1300EST</b>	<b>0</b>	<b>0</b>	<b>200K</b>	<b>0</b>	<b>Flood</b>
<b>25</b>	<b>0700EST</b>					

Low pressure developed in the Ohio River Valley and moved northeast through New York State. This low spread rain into Maine during the morning hours of April 23rd. Rain was initially light but increased in intensity on April 24th as a cold front moved through. Rainfall amounts generally ranged from 1.5 to 2.5 inches across the area. There were several road washouts and flooded basements during this event.

The Kennebec River at Skowhegan rose above the flood flow of 35,000 cfs at 3:30 am on the 25th and remained above flood flow through the 29th due, in part, to another rainfall event on the 27th and 28th. The river reached a crest of 60,300 at 6:00 pm on the 25th. The Kennebec River at N. Sidney rose above the flood stage of 17 feet at 1245 pm on the 25th and remained above flood stage until 9:15 am on the 27th, reaching a crest of 18.51 feet at 8:45 pm on the 25th. The Kennebec River at Augusta rose above the flood stage of 13 feet at 2:00 pm on the 25th until 2:30 pm on the 27th, cresting at 14.82 feet at 9:00 pm on the 25th.

The Swift River at Roxbury rose above the flood stage of 7 feet between 3:30 pm and 11:30 pm on the 24th, cresting at 9.41 feet at 6:30 pm.

The Androscoggin River at Auburn was above the flood stage of 13 feet from 11:30 am on the 25th to 8:00 am on the 26th and reached a crest of 13.94 feet at 7:00 pm on the 25th.

**MEZ007>009-012>014-018>028 Northern Oxford - Northern Franklin - Central Somerset - Southern Oxford - Southern Franklin - Southern Somerset - Interior York - Interior Cumberland - Androscoggin - Kennebec - Interior Waldo - Coastal York - Coastal Cumberland - Sagadahoc - Lincoln - Knox - Coastal Waldo**

<b>28</b>	<b>0100EST</b>	<b>0</b>	<b>0</b>	<b>4.1M</b>	<b>0</b>	<b>Flood</b>
<b>30</b>	<b>1900EST</b>					

A cold front moved through Maine on the afternoon of April 27th. Low pressure developed on the front along the coast of Maine late in the day and produced copious amounts of rainfall across the area into the morning of the 28th. Rainfall amounts of over 4 inches were common in Waldo and Knox Counties. Cushing received 7.85 inches, West Rockport received 6.63 inches, Camden received 5.28 inches, and Sedgewick received 4.13 inches. This event and the rainfall event of the 24th and 25th caused many rivers and streams to rise over their banks flooding and washing out roads. Many roads were closed which caused a major disruption to travel.

The Presumpscot River at Westbrook rose above the flood stage at 8:30 pm on the 27th due to releases of water from a previous event and remained above flood stage until 1:00 am on the 30th, reaching a crest of 21.20 feet at 12:30 pm on the 28th.

The Kennebec River at Skowhegan rose above the flood flow of 35,000 cfs at 3:30 am on the 25th due to the rainfall event of April 24th and 25th and remained above flood stage until 5:30 pm on the 29th. It reached a crest of 68,200 at 12:00 am on the 29th. The Kennebec River at North Sidney rose above the flood stage of 17 feet at 9:00 am on the 28th and remained above flood stage until 10:30 am on the 30th, reaching a crest of 21.79 feet at 3:30 am on the 29th. The Kennebec River at Augusta rose above the flood stage of 13 feet at 5:00 am on the 28th and remained above flood stage until 3:15 pm on the 30th, cresting at 18.50 feet at 7:15 am on the 29th.

The Androscoggin River at Auburn was above the flood stage of 13 feet from 11:00 pm on the 28th to 10:30 pm on the 29th and reached a crest of 13.86 feet at 10:00 am on the 29th.

## MARYLAND, Central

### **Howard County**

<b>Lisbon</b>	<b>02</b>	<b>1140EST</b>	<b>0</b>	<b>0</b>	<b>Thunderstorm Wind (G58)</b>
		<b>1148EST</b>			

Trees and powerlines down

### **MDZ011**

#### **Southern Baltimore**

<b>02</b>	<b>1145EST</b>	<b>0</b>	<b>0</b>	<b>Flood</b>
	<b>1255EST</b>			

General flooding of side streets

### **Montgomery County**

<b>Rockville</b>	<b>02</b>	<b>1855EST</b>	<b>0</b>	<b>0</b>	<b>Thunderstorm Wind (G58)</b>
		<b>1900EST</b>			

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## MARYLAND, Central

Powerlines down

Anne Arundel County  
Davidsonville

02

2040EST  
2130EST

0

0

Flash Flood

Roads closed county wide

Howard County  
Columbia

02

2215EST  
2300EST

0

0

Flash Flood

Road closed due to flooding

MDZ002-002

Allegany

03

1320EST  
1440EST

0

0

10.5K

Strong Wind

Trees down on route 36 near Frostburg

A low pressure system moved from the southeast United States and into the mid-Atlantic region on April 2, 2005. This system caused significant flooding and damaging wind gusts across a large portion of Maryland, Virginia, and West Virginia.

Montgomery County  
Poolesville

23

1645EST

0

0

1K

Hail(0.01)

Charles County  
Newburg

23

1649EST  
1658EST

0

0

Thunderstorm Wind (G58)

Prince George'S County  
Clinton

23

1700EST  
1710EST

0

0

1.5K

Hail(0.01)

Calvert County  
Chesapeake Beach

23

1723EST  
1730EST

0

0

1K

Hail(0.01)

Anne Arundel County  
Riva

23

1730EST  
1740EST

0

0

Thunderstorm Wind (G58)

Powerlines down

Baltimore County  
2 S Riderwood

23

1730EST  
1745EST

0

0

2.5K

Hail(0.01)

Baltimore County  
Owings Mills

23

1741EST  
1755EST

0

0

3.5K

Hail(0.01)

Baltimore County  
Owings Mills

23

1750EST  
1756EST

0

0

Thunderstorm Wind (G58)

Powerlines down

A very strong cold front moved across the mid-Atlantic region on April 23, 2005. This front interacted with a moist and unstable airmass to generate significant strong to severe thunderstorms and high winds. Wind damage was reported across portions of central and northern Virginia, and southern and central Maryland, as well as across the Tidal Potomac and upper Chesapeake Bay marine waters. Damaging large hail was also reported in many locations with this storm system.

## MARYLAND, Northeast

Kent County

2 E Chestertown

02

1335EST

0

0

Thunderstorm Wind (G52)

Queen Anne'S County

3 W Mc Ginnis

02

1335EST

0

0

Thunderstorm Wind (G52)

A severe thunderstorm knocked down several trees along the Kent and Queen Anne's County border near Chestertown (Kent County) and Kings Town (Queen Anne's County).

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## MARYLAND, Northeast

MDZ008

Cecil

03 0950EST  
06 0930EST

0 0

Flood

The combination of heavy rain on the 2nd and snowmelt runoff from northern locations in the Susquehanna Basin caused flooding along the Susquehanna River from April 3rd through the 6th. Rain began falling late in the evening on April 1st and fell at its heaviest during the day on the 2nd. The rain did not end until around sunrise on April 3rd. Doppler radar storm total estimates averaged around three inches and caused poor drainage flooding. The runoff led to the Susquehanna River at Conowingo flooding (flood stage 23.5 feet) from 1050 a.m. EDT on the 3rd through 1030 a.m. EDT on the 6th. It crested 26.7 feet 945 a.m. EDT on the 4th. Flooding occurred at the north end of Port Deposit.

The heavy rain was caused by a low pressure system that moved from the southern Gulf Coast States on the morning of April 1st northeast to the eastern Tennessee Valley during the evening of the 1st, to far western Virginia just after Midnight EST on the 2nd, into central Virginia at 7 a.m. EST on the 2nd, near Washington, D.C. at 1 p.m. EST on the 2nd, near Lancaster, Pennsylvania at 7 p.m. EST on the 2nd, near Scranton, Pennsylvania at 1 a.m. EST on the 3rd, over the Finger Lakes in New York at 8 a.m. EDT on the 3rd and into eastern Lake Ontario at 2 p.m. EDT on the 3rd. The strong southeast flow preceding the low pressure system was able to entrain Atlantic Ocean moisture in addition to the Gulf of Mexico moisture into the system. The southeast flow also was ideal for orographic lifting in the upper part of the Susquehanna Basin. The flooding was exacerbated by the already wet soil conditions due to heavy rain on both March 23rd and 28th.

## MARYLAND, South

Dorchester County

7 S Hurlock

02 2030EST

0 0

5K

Thunderstorm Wind (G50)

Mobile home on Bailey Store Road pushed 2 feet off foundation. Water service line broken.

## MARYLAND, West

MDZ001

Garrett

03 1000EST  
1200EST

0 0

Heavy Snow

Surface low pressure passed over Huntington, WV. Then it intensified and moved into northeastern Pennsylvania. Heavy snow started on the northwest side of the storm by 1130 PM on 2nd. Oakland reached 6 inches of snow by 10 AM on 3rd.

## MASSACHUSETTS, Central and East

## MASSACHUSETTS, West

## MICHIGAN, East

MIZ047>048-053>055-  
060>063-069>070

Midland - Bay - Saginaw - Tuscola - Sanilac - Shiawassee - Genesee - Lapeer - St. Clair - Oakland - Macomb

23 1600EST  
24 2000EST

0 0

Winter Storm

A powerful spring storm tracked across the Ohio Valley on Friday the 22nd, and into the Eastern Great Lakes on the 23rd. The storm then deepened as it slowly backed west toward Lake Huron on the 24th.

This intense area of low pressure dumped heavy snow along and north of M-59, as well as producing frequent wind gusts to 30 mph. Final snowfall accumulations were generally in the 6 to 12 inch range, with slightly higher accumulations over the higher terrain along and just south of I-69. It should be noted considerable melting occurred due to the warm ground and air temperatures at or slightly above freezing through the event. The combination of heavy wet snow and strong winds lead to numerous reports of trees and tree limbs down, which resulted in power outages.

Here are some of the higher snowfall reports received from each county:



# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## MICHIGAN, East

Bay City (Bay), 5.0 inches  
Grand Blanc (Genesee), 13.0 inches  
Dryden (Lapeer), 14.4 inches  
Richmond (Macomb), 11.3 inches  
Midland (Midland), 5.0 inches  
White Lake NWS (Oakland), 15.0 inches  
Saginaw (Saginaw), 6.0 inches  
Brown City (Sanilac), 11.0 inches  
Capac (St Clair), 14.0 inches  
Fairgrove (Tuscola), 6.0 inches

MIZ049

Huron

23 1600EST  
24 2000EST

0 0

Blizzard

Heavy snowfall up to 12 inches combined with wind gusts to 45 mph created blizzard conditions over Huron County. Blowing and drifting snow lead to snow drifts as high as 4 feet.

## MICHIGAN, Extreme Southwest

## MICHIGAN, North

MIZ034

Roscommon

16 1500EST  
17 2300EST

0 0

Wildfire

A long period of warm and dry weather affected northern Michigan from the end of March through mid April. Once the spring melt was completed, the fire danger rapidly increased. A number of wildfires developed in northern Lower Michigan in mid April. By far the largest occurred in Nester Township in Roscommon County, south of Prudenville. This fire (of unknown origin) started on the afternoon of the 16th, and burned over 1500 acres before it was gradually brought under control over the next several days. There was no known structural damage, though sixteen to twenty homes in the area were evacuated.

MIZ018-022-024-029>030

Presque Isle - Otsego - Alpena - Oscoda - Alcona

24 0400EST  
1300EST

0 0 3K

Heavy Snow

A strong upper level disturbance sat over the Great Lakes region from the 23rd through the 25th. This brought an extended period of rain and wet snow to the region. Accumulating snow was confined largely to the nighttime and morning hours, when temperatures were just a touch cooler. A burst of heavier snow brought 6 to 8 inches of accumulation to parts of northeast Lower Michigan, including Alpena, Hubbard Lake, Comins, Presque Isle, and Vanderbilt. The wet, clingy snow, combined with wind gusts of 25 to 30 mph, was enough to down a few trees and large tree limbs in Harrisville.

## MICHIGAN, Upper

## MICHIGAN, West

## MINNESOTA, Central and South Central

Kandiyohi County

New London

05 1830CST

0 0

Hail(1.00)

Stearns County

1 S Paynesville

05 1917CST

0 0

Hail(1.00)

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## MINNESOTA, Central and South Central

Hail covered County Road 55.

### Meeker County

2 SW Manannah to 1 W Manannah	05	1934CST 1936CST			0	0			Hail(0.88)
----------------------------------	----	--------------------	--	--	---	---	--	--	------------

Dime to nickel sized hail fell.

### Swift County

Benson	05	1943CST			0	0			Hail(0.75)
--------	----	---------	--	--	---	---	--	--	------------

### Todd County

6 N Grey Eagle	05	1952CST			0	0			Hail(0.75)
----------------	----	---------	--	--	---	---	--	--	------------

### Swift County

De Graff	05	2033CST			0	0			Hail(0.75)
----------	----	---------	--	--	---	---	--	--	------------

### Isanti County

10 W Cambridge	05	2330CST			0	0			Hail(0.75)
----------------	----	---------	--	--	---	---	--	--	------------

### Brown County

Essig to 2 W New Ulm	10	0800CST 0804CST			0	0			Hail(0.75)
-------------------------	----	--------------------	--	--	---	---	--	--	------------

### Watonwan County

5 W Madelia	10	0820CST			0	0			Hail(0.88)
-------------	----	---------	--	--	---	---	--	--	------------

Pea to nickel sized hail covered the ground.

### Meeker County

5 W Cedar Mills	10	2010CST			0	0			Hail(0.75)
-----------------	----	---------	--	--	---	---	--	--	------------

### Freeborn County

Albert Lea	17	1610CST			0	0			Hail(0.75)
------------	----	---------	--	--	---	---	--	--	------------

### Pope County

7 SW Starbuck	19	1606CST	0.1	25	0	0			Tornado (F0)
---------------	----	---------	-----	----	---	---	--	--	--------------

A tornado briefly touched down in an open field in Walden Township, Section 16. The touchdown occurred about 2.5 miles north-northwest of the west end of Lake Emily. No damage was reported.

### Pope County

6 W Gilchrist	19	1620CST			0	0			Funnel Cloud
---------------	----	---------	--	--	---	---	--	--	--------------

A funnel cloud was spotted by the public about 5 miles northwest of Swift Falls, or 6 miles west of Gilcrest.

## MINNESOTA, Northeast

### Koochiching County

Ranier	18	1720CST			0	0			Hail(1.75)
--------	----	---------	--	--	---	---	--	--	------------

### Koochiching County

Ranier	18	1737CST			0	0			Hail(1.25)
--------	----	---------	--	--	---	---	--	--	------------

The hail fell for 10 minutes.

### Koochiching County

International Falls	18	1844CST			0	0			Hail(1.00)
---------------------	----	---------	--	--	---	---	--	--	------------

## MINNESOTA, Northwest

### MNZ007

#### West Marshall

01 08	0000CST 2359CST			0	0				Flood
----------	--------------------	--	--	---	---	--	--	--	-------

By the end of March, the only snow left to melt was along the Canadian border, mostly from Langdon (ND) to Roseau (MN). The melt rate had been nearly ideal, with warm daytime highs and nights below freezing. Several late season snowstorms had hit the Canadian border region with some substantial snowfall amounts. Snow depths ranged around 20 inches at Langdon (ND), 15 inches at Pembina (ND) and Hallock (MN), and 12 inches at the Agassiz National Wildlife Refuge (MN). The snow water equivalent measured at the Agassiz Refuge was about 2.5 inches. As warmer temperatures occurred in early April, there was still a good amount of moisture left to work into the river system across northeast North Dakota and northwest Minnesota. The Red River

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## MINNESOTA, Northwest

started rising in the Oslo area in late March. The river crested around 34.2 feet between April 4th and 5th, then fell back below its moderate flood stage around April 8th.

MNZ004

Kittson

01 0938CST  
08 2359CST

0 0

Flood

The Two Rivers River at Hallock began to rise in late March. The river crested between 807 and 808 feet MSL on April 4th, then fell back below its moderate flood stage around April 8th.

Lake Of The Woods  
County

1 S Lude

18 1703CST

0 0

Hail(0.88)

## MINNESOTA, Southeast

Dodge County

3 N Mantorville

19 1545CST

0 0

Funnel Cloud

Funnel clouds were sighted by law enforcement officials and the public, but none touched down.

## MINNESOTA, Southwest

Rock County

2 S Magnolia

10 0515CST

0 0

Hail(0.88)

Nobles County

Lismore

10 0522CST

0 0

Hail(0.75)

Hail lightly covered the ground.

Lincoln County

3 SW Lake Benton

16 0940CST  
0945CST

0 0

Hail(0.88)

Lyon County

1 S Florence

16 1044CST

0 0

Hail(0.75)

Rock County

5 SE Jasper

17 1633CST

0 0

Hail(1.00)

Pipestone County

2 SE Trosky

17 1645CST

0 0

Hail(0.75)

Cottonwood County

5 SW Storden

17 2008CST

0 0

Hail(0.75)

## MINNESOTA, West

## MINNESOTA, West Central

## MISSISSIPPI, Central

Lamar County

Purvis to  
9 NNE Purvis

01 0005CST  
0028CST

0 0

Hail(1.00)

A supercell thunderstorm moved NNE across Central and NE portions Lamar county. Penny to quarter sized hail occurred along its path as it moved into NW Forrest county.

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b>MISSISSIPPI, Central</b>									
<b>Copiah County</b>									
Crystal Spgs	01	0010CST			0	0			Hail(0.75)
<b>Marion County</b>									
Countywide	01	0014CST 0600CST			0	0	100K		Flash Flood
More heavy rain fell during the early morning hours on Friday, April 1. This rain was added to the several inches that fell the night before. During this rain event, several county roads were closed due to flooding along with 5 roads sustaining damage. Additionally, several streets in Columbia were flooded with one street damaged.									
<b>Forrest County</b>									
4 SSW Hattiesburg to 3 SSW Hattiesburg	01	0028CST 0030CST			0	0			Hail(0.75)
<b>Forrest County</b>									
1 S Mc Callum	01	0042CST			0	0			Hail(0.75)
<b>Lamar County</b>									
3 S Sumrall	01	0120CST			0	0			Hail(0.75)
<b>Lamar County</b>									
Countywide	01	0143CST 0600CST			0	0	200K		Flash Flood
More heavy rain fell across Lamar county during the early morning hours of Friday, April 1. This was an addition to the flooding rains the previous night. These additional heavy rains caused many roads across Lamar county to flood. Several of these roads were washed out across the county. Additionally, several streets in Purvis were flooded									
<b>Forrest County</b>									
5 SW Carnes	01	0202CST			0	0	150K		Lightning
Lightning struck a house in Carnes and severely damaged the structure.									
<b>Madison County</b>									
Madison	01	0222CST			0	0			Hail(0.75)
<b>Jefferson Davis County</b>									
South Portion	01	0230CST 0630CST			0	0	80K		Flash Flood
More heavy rain fell across portions of Jefferson Davis county during the early morning hours of Friday, April 1. This was an addition to the flooding rains the previous night. This second rain event caused several more county roads to become flooded									
<b>Covington County</b>									
Southeast Portion	01	0240CST 0700CST			0	0	80K		Flash Flood
More heavy rain fell across portions of Covington county during the early morning hours of Friday, April 1. This was an addition to the flooding rains the previous night. Several county roads were under water and closed.									
<b>Jones County</b>									
Countywide	01	0245CST 0600CST			0	0	100K		Flash Flood
More heavy rain fell across Jones county during the early morning hours of Friday, April 1. This was an addition to the flooding rains the previous night. Several roads in the county were under water with one road completely destroyed. Additionally, several streets in Laurel were under water.									
<b>Clarke County</b>									
5 E Quitman	01	0330CST 0530CST			0	0	30K		Flash Flood
Heavy rains caused a portion of State Highway 511 to be covered with water. Additionally, several county roads in that area were also flooded.									
<b>Forrest County</b>									
North Portion	01	0430CST 0700CST			0	0	100K		Flash Flood
Heavy rains, for the second night, caused significant flooding across rural areas of Forrest county. Several roads were flooded and had to be closed.									
<b>Jasper County</b>									
Louin	01	0450CST			0	0			Hail(0.75)

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
<b>MISSISSIPPI, Central</b>							
<b>Webster County</b>							
Clarkson to Mantee	01	1123CST 1138CST			0 0		Hail(0.75)
A left moving supercell thunderstorm moved across the eastern portion of Webster county. This storm produced large amounts of penny sized hail as it moved NE into Chickasaw county.							
<b>Sharkey County</b>							
Anguilla to Delta City	06	0320CST 0330CST			0 0	90K	Thunderstorm Wind (G81)
Significant straight line winds caused damage in an area from Anguilla to Nitta Yuma to Delta City. In Anguilla, a home sustained damage. In Nitta Yuma, a church had part of its roof blown off. Additionally, several trees across the area were blown down and uprooted.							
<b>Sunflower County</b>							
Inverness	06	0348CST			0 0	23K	Thunderstorm Wind (G60)
Several large oak trees were blown down and one shop was severely damaged.							
<b>Warren County</b>							
Eagle Bend	06	0408CST			0 0		Thunderstorm Wind (G53)
A few trees were blown down around Eagle Lake.							
<b>Leflore County</b>							
Itta Bena	06	0411CST			0 0	40K	Thunderstorm Wind (G57)
A large tree was blown down on a house along with some power lines down. Another home had its sunroom demolished.							
<b>Yazoo County</b>							
6 NW Yazoo City to 7 N Yazoo City	06	0413CST 0418CST			0 0	5K	Thunderstorm Wind (G55)
A few trees were blown down across this area with most of the tree damage occurring near Wolf Lake.							
<b>Humphreys County</b>							
6 S Lamkin	06	0416CST 0418CST			0 0	2K	Thunderstorm Wind (G53)
A few trees were blown down.							
<b>Leflore County</b>							
Schlater to Money	06	0418CST 0428CST			0 0	30K	Thunderstorm Wind (G66)
Two dozen trees were blown down between Schlater and Money. One tree was blown down on a house an caused significant damage.							
<b>Holmes County</b>							
5 NW Coxburg	06	0420CST			0 0	4K	Thunderstorm Wind (G53)
A few trees were blown down along Thornton-Tolarsville Road.							
<b>Carroll County</b>							
6 S Carrollton	06	0458CST			0 0		Thunderstorm Wind (G50)
A few trees were blown down.							
<b>Warren County</b>							
Vicksburg	06	0500CST 0503CST			0 0		Hail(1.00)
Penny to quarter sized hail occurred in Vicksburg.							
<b>Warren County</b>							
Vicksburg	06	0505CST			0 0	20K	Thunderstorm Wind (G56)
A few trees and power lines were blown down.							
<b>Grenada County</b>							
Grenada	06	0512CST			0 0	10K	Thunderstorm Wind (G56)
Several trees were blown down.							
<b>Montgomery County</b>							
3 NE Winona	06	0519CST			0 0		Thunderstorm Wind (G53)
A few trees were blown down along Lodi Road.							
<b>Montgomery County</b>							
5 SE Winona	06	0527CST			0 0		Thunderstorm Wind (G53)
A few trees were blown down along highway 407.							

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b>MISSISSIPPI, Central</b>									
<b>Webster County</b>									
Clarkson	06	0540CST			0	0			Hail(0.88)
<b>Yazoo County</b>									
3 NNW Myrleville to 5 SE Benton	06	0540CST 0550CST			0	0	30K		Thunderstorm Wind (G66)
Numerous trees and several power lines were blown down in the Myrleville area to just south of Benton									
<b>Copiah County</b>									
3 N Gatesville to 4 NNE Gatesville	06	0555CST 0557CST			0	0			Funnel Cloud
This funnel cloud was the beginning stages of the Rankin county, Monterey F3 tornado									
<b>Yazoo County</b>									
4 E Yazoo City	06	0600CST			0	0			Hail(1.00)
<b>Rankin County</b>									
Whites to Monterey	06	0605CST 0617CST			0	0			Hail(1.00)
The supercell thunderstorm, which produced the Monterey F3 tornado, produced a swath of penny to quarter sized hail across SW Rankin county. The hail fell in advance of the tornado.									
<b>Rankin County</b>									
1.5 SE Florence to 3.5 ENE Brandon	06	0610CST 0636CST	15	600	0	6	11M	150K	Tornado (F3)



*F3 damage to a home in the Monterey Community.*

This tornado developed just SE of Florence between US Highway 49 and State Highway 469. For the first 3 miles, the tornado steadily gained strength and downed many trees and power lines. At this time the intensity was F1 and F2. As the tornado approached the community of Monterey its intensity increased. The most significant damage occurred along a 2 mile path a few miles SE and E of Monterey. Thomasville Road and E Monterey Road were the hardest hit. Here the tornado destroyed or significantly damaged nearly 3 dozen homes, a dozen mobile homes and caused 6 injuries. The tornado continued to move to the NE and moved through the Richland Creek bottom. As it continued NE toward the south side of Brandon, the tornado weakened. The path crossed Star Road and then State Highway 18. Where it crossed Highway 18, the tornado damaged the new Brandon High School, which was under construction, and demolished several construction trailers. The damage to the school comprised of a portion of the roof blown off and windows blown out. The tornado continued to weaken, downing more trees, as it crossed Shiloh Road, Interstate 20 and US Highway 80 where it dissipated. This tornado did cause significant timber damage, mainly between Monterey and where it cross Interstate 20. Several thousand trees were snapped, uprooted or damaged by this wide and long track strong tornado.

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Persons Injured	Estimated Damage Property	Crops	Character of Storm
<b>MISSISSIPPI, Central</b>									
<b>Madison County</b>									
5 SE Canton to 5 ESE Canton	06	0636CST 0640CST	2.5	30	0	0	1K		Tornado (F0)
This weak, brief tornado, touched down 2 miles N of Madisonville just off State Highway 43. It moved NE for 2.5 miles and dissipated 5 miles ESE of Canton. Several trees were snapped and many branches and large limbs were twisted and broken off.									
<b>Rankin County</b>									
2 S Leesburg to 1 SSE Leesburg	06	0658CST 0659CST	1	200	0	0	5K		Tornado (F1)
<b>Scott County</b>									
2 W Branch to 2 NW Forkville	06	0700CST 0710CST	6	200	0	0	700K	50K	Tornado (F1)
This was the second tornado to develop from a "Cyclic Supercell" thunderstorm. This tornado touched down just to the S of Leesburg on W E Franklin Road and tracked NE into Scott county where it dissipated 2 miles NW of Forkville. Several hundred trees were snapped or uprooted along the path. A few homes sustained roof damage and one chicken house was destroyed. The total path length across Rankin and Scott counties was 7 miles.									
<b>Madison County</b>									
1 W Camden	06	0709CST			0	0			Funnel Cloud
Reported on Loring Road.									
<b>Bolivar County</b>									
2 SE Rosedale	06	0720CST			0	0			Hail(0.75)
<b>Lawrence County</b>									
Topeka	06	0724CST			0	0	2K		Thunderstorm Wind (G55)
A few trees were blown down.									
<b>Lawrence County</b>									
2.5 N Silver Creek to 6 NNE Silver Creek	06	0732CST 0739CST	3.5	50	0	0	80K		Tornado (F1)
This tornado touched down just N of Silver Creek and demolished a mobile home. Additionally, numerous large trees were uprooted along the 3.5 mile path.									
<b>Bolivar County</b>									
3 W Duncan	06	0745CST			0	0			Hail(0.75)
<b>Attala County</b>									
Central Portion	06	0750CST 1200CST			0	0	150K		Flash Flood
Several rounds of thunderstorms brought 2 to 5 inches of rain to areas around Kosciusko and Central Attala county. Several roads were flooded in Central Attala county as well as a few streets in Kosciusko. A paper company, on Knox Road, was flooded by several inches of water in the building. A few miles to the west of Kosciusko, and in the Hesterville area, several area roads were washed out.									
<b>Lawrence County</b>									
6 E Jayess to 4 SE Arm	06	0751CST 0813CST			0	0	15K		Hail(2.75)
A large supercell thunderstorm moved out of northern Walthall county and tracked across the southern portion of Lawrence county. This storm produced a swath of golf ball to baseball sized hail as it moved NE into West-Central Jefferson Davis county.									
<b>Lawrence County</b>									
7 E Jayess	06	0756CST			0	0	5K		Thunderstorm Wind (G55)
Several trees were blown down from the rear flank downdraft of a supercell thunderstorm. This damage occurred east of Jayess along the Lawrence/Walthall county lines.									
<b>Marion County</b>									
5 NW White Bluff	06	0800CST 0804CST			0	0			Hail(1.75)
The large supercell storm, that moved across southern Lawrence county, clipped the corner of extreme NW Marion county and produced golf ball sized hail as it tracked NE.									
<b>Simpson County</b>									
5 SE Pinola to Sanatorium	06	0806CST 0815CST	7	50	0	0	4K	30K	Tornado (F1)
This tornado touched down just to the SE of Pinola and tracked NE for 7 miles, across State Highway 13, and dissipated near Sanatorium. Numerous trees were uprooted and snapped along the path.									

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
<b>MISSISSIPPI, Central</b>							
<b>Jefferson Davis County</b>							
9 SW Prentiss to 4 NE Mt Carmel	06	0809CST 0859CST			0 0	5K	Hail(1.75)
The large supercell thunderstorm continued out of Lawrence county and tracked NE across Jefferson Davis county. Golf ball to penny sized hail fell from near the Progress community to near Prentiss. As the storm moved through Prentiss, and then further NE to near the Clem community, the hail became smaller and was between dime and penny size.							
<b>Scott County</b>							
1 S Morton	06	0816CST			0 0	50K	Thunderstorm Wind (G67)
One home was heavily damaged along with several trees blown down near the intersection of highway 481 and Stage Road.							
<b>Smith County</b>							
4 SE Daniel to 6 E Daniel	06	0845CST 0852CST			0 0	25K	Thunderstorm Wind (G60)
Several trees were blown down from around the White Oak community to several miles NE of White Oak. This occurred from the inflow winds into the tornadic supercell thunderstorm.							
<b>Lincoln County</b>							
Brookhaven	06	0850CST			0 0		Hail(1.00)
<b>Lincoln County</b>							
Brookhaven	06	0851CST			0 0		Funnel Cloud
<b>Lincoln County</b>							
6 S Bogue Chitto to 6 NE Ruth	06	0854CST 0916CST			0 0		Hail(0.88)
A supercell thunderstorm tracked across the SE portion of Lincoln county and produced a swath of penny to nickel sized hail. The hail swath occurred a few miles S of Bouge Chitto to Ruth and then to the NE into Lawrence county.							
<b>Covington County</b>							
7 SW Mt Olive to 1 NNW Mt Olive	06	0900CST 0911CST			0 0		Hail(1.00)
The large supercell thunderstorm, which eventually produced the Mize, MS tornado, tracked across the NW corner of Covington county and produced a swath of penny to quarter sized hail.							
<b>Lincoln County</b>							
Ruth	06	0904CST			0 0		Funnel Cloud
<b>Simpson County</b>							
1 SW Saratoga to 1 NE Saratoga	06	0904CST 0915CST			0 0		Hail(1.00)
The large supercell thunderstorm, which eventually produced the Mize, MS tornado, tracked across the extreme SE corner of Simpson county, near the Saratoga community, and produced a swath of penny to quarter sized hail.							
<b>Lincoln County</b>							
1 N Ruth to 2 N Ruth	06	0906CST 0908CST	0.7	50	0 0	5K	Tornado (F0)
This weak tornado briefly touched down just N of Ruth and downed a few trees.							
<b>Smith County</b>							
7 SW Mize to Ted	06	0910CST 1002CST			0 0	10K	Hail(2.75)
The large, long lived, supercell thunderstorm, which produced the Mize, MS tornado, also produced a long swath of quarter to baseball sized hail as it tracked across Smith county. Many people effected by the strong tornado mentioned receiving hail prior to the tornado. The largest hail, baseball sized, was reported at the Mize Attendance Center just before the tornado passed through Mize. Additionally, this hail swath affected areas from Mize to Center Ridge to Sylvaarena to Ted							
<b>Lawrence County</b>							
3 NW Topeka to 3 NNE Silver Creek	06	0916CST 0946CST			0 0		Hail(0.75)
The supercell thunderstorm, which moved out of SE Lincoln county, continued to track NE and moved across all of central Lawrence county. Penny sized hail occurred along the entire path from just NW of Topeka to Monticello to just N of Silver Creek. The supercell continued to move NE into Jefferson Davis county where more penny sized hail occurred.							
<b>Leflore County</b>							
1 SE Morgan City to Sidon	06	0922CST 0946CST			0 0		Hail(0.75)



# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b>MISSISSIPPI, Central</b>									
<b>Holmes County</b>									
1 NNW Egypt to 1 N Egypt	06	0925CST 0928CST			0	0			Hail(0.75)
<b>Scott County</b>									
Forest	06	0927CST			0	0			Funnel Cloud
<b>Carroll County</b>									
10 NW Carrollton	06	0930CST			0	0	5K		Thunderstorm Wind (G55)
Several trees were blown down in the northern part of the county.									
<b>Grenada County</b>									
Grenada	06	0930CST			0	0	40K		Thunderstorm Wind (G60)
Power lines were blown down around the city.									
<b>Grenada County</b>									
Grenada	06	0940CST			0	0			Hail(0.75)
<b>Jefferson Davis County</b>									
5 SSW Hebron to 8 NNE Mt Carmel	06	0946CST 1005CST			0	0			Hail(1.00)
Another supercell thunderstorm moved across Jefferson Davis county and produced a swath of penny to quarter sized hail.									
<b>Jasper County</b>									
5 SW Louin to 2 SW Louin	06	1002CST 1007CST			0	0			Hail(0.75)
<b>Covington County</b>									
6 W Mt Olive to 1 N Mt Olive	06	1005CST 1016CST			0	0			Hail(1.00)
Another supercell thunderstorm moved across the NW corner of Covington county and produced a swath of penny to quarter sized hail.									
<b>Simpson County</b>									
1 SW Saratoga to 1 NE Saratoga	06	1007CST 1016CST			0	0			Hail(1.00)
Another supercell thunderstorm moved across the extreme SE corner of Simpson county, near the Saratoga community, and produced penny to quarter sized hail.									
<b>Grenada County</b>									
Grenada	06	1010CST 1140CST			0	0	300K		Flash Flood
Heavy rainfall caused several streets to flood in Grenada and in the Deerfield subdivision. In addition to the streets, some homes in the city and in Deerfield had water enter the home and cause damage.									
<b>Smith County</b>									
5 N Taylorsville	06	1023CST 1024CST	0.5	30	0	0	2K		Tornado (F0)
This weak tornado was spotted by county officials as it briefly touched down between Center Ridge and Taylorsville. Damage was confined to limbs broken off some trees.									
<b>Lamar County</b>									
2 WSW Hattiesburg to Hattiesburg	06	1030CST 1038CST			0	0			Hail(0.88)
<b>Forrest County</b>									
Hattiesburg to 4 N Petal	06	1037CST 1050CST			0	0			Hail(0.88)
<b>Forrest County</b>									
Hattiesburg	06	1050CST			0	0			Funnel Cloud
<b>Jasper County</b>									
Bay Spgs to 4 ENE Bay Spgs	06	1050CST 1055CST			0	0			Hail(0.75)
<b>Jasper County</b>									
Stringer to 2 E Stringer	06	1055CST 1058CST			0	0			Hail(0.75)

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Number of Persons Injured	Estimated Damage Property Crops	Character of Storm
<b><u>MISSISSIPPI, Central</u></b>								
<b>Carroll County</b>								
Carrollton	06	1100CST 1200CST			0	0	2K	Flash Flood
A few streets were flooded in town.								
<b>Forrest County</b>								
Petal	06	1102CST			0	0		Funnel Cloud
<b>Lauderdale County</b>								
Meehan to 2 N Lauderdale	06	1113CST 1148CST			0	0		Hail(1.75)
A swath of penny to golf ball sized hail fell from near the Meehan/Lost Gap area through Nelliieburg to around Lauderdale. Most of the hail was penny size with the largest hail occurring near Lost Gap and was golf ball size								
<b>Jasper County</b>								
7 SSW Paulding to 7 ENE Paulding	06	1121CST 1143CST			0	0		Hail(1.00)
Penny to quarter sized fell across portions of Central and East-Central Jasper county as a developing supercell thunderstorm moved ENE into Clarke county.								
<b>Lauderdale County</b>								
Suqualena to 3 E Suqualena	06	1132CST 1136CST			0	0	40K	Thunderstorm Wind (G63)
Several trees and power lines were blown down in the Suqualena area. One tree and power line was down on a house which caused damage.								
<b>Clarke County</b>								
2 NW Pachuta to 2 SE Wautubbee	06	1143CST 1157CST			0	0		Hail(1.00)
Penny to quarter sized hail continued to fall from the supercell thunderstorm which moved out of East-Central Jasper county. Hail fell from just NW of Pachuta to near the Wautubbee community.								
<b>Kemper County</b>								
3 S Blackwater	06	1147CST			0	0		Hail(0.75)
<b>Clarke County</b>								
Pachuta to 2 NE Pachuta	06	1149CST 1153CST	2	75	0	0	40K	Tornado (F1)
This weak brief tornado touched down near the intersection of State Highway 18 and US Highway 11 in Pachuta. Several trees and power lines were blown down as the tornado moved to the NE.								
<b>Adams County</b>								
2 S Kingston to 7 E Kingston	06	1246CST 1251CST			0	0		Hail(0.75)
<b>Hinds County</b>								
1 NE Clinton	06	1248CST			0	0		Funnel Cloud
<b>Rankin County</b>								
5 S Brandon to 2 N Brandon	06	1248CST 1315CST			0	0		Hail(1.00)
Penny to quarter sized hail fell across a large portion of Central Rankin county as thunderstorms redeveloped.								
<b>Adams County</b>								
Kingston	06	1251CST			0	0	150K	Thunderstorm Wind (G62)
A semi-truck was overturned.								
<b>Rankin County</b>								
8 SSE Brandon to 3 NE Brandon	06	1310CST 1322CST			0	0		Hail(1.00)
<b>Copiah County</b>								
4 E Gallman to .5 NE Gatesville	06	1311CST 1324CST			0	0		Hail(1.00)
A swath of penny to quarter sized hail fell from just E of Gallman to Gatesville.								
<b>Franklin County</b>								
Meadville to 6 NNE Lucien	06	1312CST 1330CST			0	0		Hail(1.00)

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b>MISSISSIPPI, Central</b>									
Penny to quarter sized hail fell in a swath from Meadville to the Shucktown community. The thunderstorm continued to produce large hail as it moved into NW Lincoln county.									
<b>Lincoln County</b> Bogue Chitto to 3 E Enterprise	06	1317CST 1327CST			0	0			Hail(0.75)
<b>Madison County</b> Gluckstadt	06	1320CST			0	0			Hail(0.88)
<b>Simpson County</b> 1 NW Pearl to 3 N Pearl	06	1324CST 1327CST			0	0			Hail(1.00)
<b>Lamar County</b> 2 E Purvis to 3 E Purvis	06	1327CST 1329CST			0	0			Hail(1.00)
<b>Marion County</b> 3 NW Kokomo to 8 NE Goss	06	1327CST 1405CST			0	0			Hail(1.75)
A swath of quarter to golf ball sized hail fell from just NW of Kokomo to just NE of the Bunker Hill community.									
<b>Rankin County</b> 2 S Whites to 4 NE Brandon	06	1328CST 1353CST			0	0			Hail(1.00)
A swath of penny to quarter sized hail occurred across a large portion of Rankin county. Most of the hail occurred from SW Rankin county to the Central sections of the county. Areas from Florence to Richland to Brandon received penny to quarter sized hail.									
<b>Forrest County</b> 4 NNW Rock Hill	06	1330CST 1332CST			0	0			Hail(1.00)
<b>Franklin County</b> 9 SSW Meadville to 1 E Lucien	06	1330CST 1359CST			0	0			Hail(1.00)
A swath of penny to quarter sized hail fell from the Mt. Olive area to the Lucien community.									
<b>Lincoln County</b> 5.5 SW Redstar to 9 N Brookhaven	06	1330CST 1349CST			0	0			Hail(1.75)
A swath of quarter to golf ball sized hail fell across the NW portion of Lincoln county. This hail occurred from a thunderstorm that moved out of NE Franklin county. The largest hail, golf ball size, occurred in the Red Star community									
<b>Yazoo County</b> 6 NE Vaughan	06	1330CST			1	0	100K		Lightning
Lightning struck a home, just SW of Pickens in Yazoo county on Thomas Road. The home caught fire and burned down with the owner asleep inside. The 1 fatality was an indirect cause of the lightning strike. M42PH									
<b>Rankin County</b> 2 SW Fannin	06	1336CST			0	0	150K		Thunderstorm Wind (G68)
Numerous trees were blown down around the reservoir area with nearly 80 trees snapped or uprooted around the Bay Pointe Golf Course. Additionally, 1 tree was blown down on a house in the Fox Bay subdivision.									
<b>Lincoln County</b> 2 NE Brookhaven	06	1345CST			0	1	500K		Thunderstorm Wind (G70)
The VET office building had half of its roof blown off. Four mobile homes were heavily damaged along with numerous trees and power lines blown down.									
<b>Rankin County</b> Flowood to Brandon	06	1345CST 1500CST			0	0	30K		Flash Flood
Very heavy rain, 2 to 4 inches, fell across a good portion of central Rankin county. Many area roads and streets from Flowood to Brandon were covered with water. The Crossgates Lake had a few feet of water over the top of the dam.									
<b>Marion County</b> 3 NW Foxworth	06	1348CST			0	0	80K		Thunderstorm Wind (G70)
A roof was blown off a building in the Foxworth community.									

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b>MISSISSIPPI, Central</b>									
<b>Copiah County</b>									
1 SW Wesson to 1 NNE Georgetown	06	1349CST 1413CST			0	0			Hail(1.00)
A swath of penny to quarter sized hail fell from near Wesson to Georgetown.									
<b>Jefferson Davis County</b>									
2 E Hathorn to 5 SE Bassfield	06	1353CST 1407CST			0	0			Hail(1.75)
A swath of quarter to golf ball sized hail occurred along the Marion/Jefferson Davis county line.									
<b>Lincoln County</b>									
5 SW Vaughn to 2 W Brookhaven	06	1359CST 1409CST			0	0			Hail(1.00)
<b>Attala County</b>									
Sallis	06	1405CST 1500CST			0	0	400K		Flash Flood
Several rounds of thunderstorms produced locally heavy rainfall across portions of Attala county. Around the Sallis Community, a few roads were washed out and water was rising over a local bridge.									
<b>Attala County</b>									
4 W Hesterville to 8 N Hesterville	06	1408CST 1419CST			0	0			Hail(0.75)
A swath of penny sized hail fell from just W of Hesterville northward to the Montgomery county line near Carmack St.									
<b>Leake County</b>									
2 N Tuscola to 4.5 SE Carthage	06	1410CST 1415CST	3	200	0	0	250K		Tornado (F1)
This tornado touched down between Tuscola and Carthage and tracked NNE for 3 miles. One barn was destroyed and 1 home sustained damage. Additionally, several dozen trees were snapped or uprooted as the tornado crossed State Highway 487 and 35.									
<b>Simpson County</b>									
4 W Union to D Lo	06	1413CST 1430CST			0	0			Hail(0.88)
A swath of penny to nickel sized hail fell from just W of Union, near Georgetown, to D'Lo.									
<b>Scott County</b>									
4 SSE Ludlow to 6 SSE Ludlow	06	1415CST 1530CST			0	0	80K		Flash Flood
Three to five inches of rain fell across portions of NW Scott county Wednesday afternoon. These heavy rains flooded area roads and washed out one road near State Highway 13 and Hillsboro-Ludlow Road.									
<b>Montgomery County</b>									
6 SW Poplar Creek to 4 NW Poplar Creek	06	1419CST 1425CST			0	0			Hail(0.75)
<b>Simpson County</b>									
Everett to 3 NNE Everett	06	1426CST 1430CST			0	0	30K		Thunderstorm Wind (G65)
Numerous trees were blown down around Everett.									
<b>Attala County</b>									
Kosciusko	06	1430CST			0	0	25K		Thunderstorm Wind (G62)
Several trees were blown down across State Highway 19, just outside Kosciusko.									
<b>Rankin County</b>									
1 S Puckett	06	1430CST			0	0	20K		Thunderstorm Wind (G58)
Several trees were blown down S of Puckett just off State Highway 13.									
<b>Scott County</b>									
4 NNE Forest	06	1436CST			0	0	70K		Thunderstorm Wind (G52)
A large portion of a roof was peeled off a chicken house.									
<b>Leake County</b>									
Lena to Madden	06	1440CST 1600CST			0	0	40K		Flash Flood
Several rounds of heavy rain caused some county roads to flood. Most of the flooded roads were across the southern half of Leake county.									

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b>MISSISSIPPI, Central</b>									
<b>Lincoln County</b>									
6 SW Brookhaven to 2 NW Brookhaven	06	1443CST 1455CST			0	0	20K		Hail(1.75)
A swath of penny to golf ball sized hail fell from S of Zetus to a few miles NW of Brookhaven.									
<b>Smith County</b>									
1 SE Polkville to 3 NE Polkville	06	1443CST 1448CST	3	75	0	0	30K	100K	Tornado (F1)
This brief tornado touched down just SE of Polkville and tracked NNE for 3 miles. One poorly constructed home had its roof blown off. In addition, dozens of trees were blown down along the path.									
<b>Simpson County</b>									
3 E Pinola to 3 N Magee	06	1446CST 1507CST			0	0			Hail(1.00)
<b>Franklin County</b>									
7 S Bude to 3 E Mc Call Creek	06	1447CST 1505CST			0	0	20K		Hail(1.75)
A large supercell thunderstorm produced a swath of quarter to golf ball sized as it tracked from South-Central Franklin county to East-Central Franklin county near McCall Creek. Just 2 miles E of McCall Creek, the golf ball sized hail was reported covering the ground.									
<b>Lincoln County</b>									
3 W West Lincoln to 1 E Woolworth	06	1503CST 1538CST			0	0	50K		Hail(1.75)
The large supercell storm continued out of East-Central Franklin county and moved NNE across all of Central Lincoln county before moving into NW Lawrence county. This storm produced penny to golf ball sized hail all along its path.									
<b>Newton County</b>									
Conehatta to 1 E Union	06	1515CST 1528CST			0	0			Hail(0.88)
<b>Attala County</b>									
Kosciusko	06	1520CST			0	0			Hail(0.88)
<b>Kemper County</b>									
Kellis Store	06	1520CST			0	0	60K		Thunderstorm Wind (G64)
Numerous trees were blown down and one old barn was destroyed.									
<b>Jasper County</b>									
5 W Heidelberg	06	1526CST			0	0			Hail(0.75)
<b>Lawrence County</b>									
1 SW Oma to 3 NE Oma	06	1528CST 1534CST			0	0			Hail(1.00)
<b>Leflore County</b>									
Greenwood	06	1528CST 1530CST			0	0			Hail(0.88)
<b>Neshoba County</b>									
3 SSE Neshoba to 5 SE Neshoba	06	1528CST 1533CST			0	0			Hail(0.88)
<b>Newton County</b>									
2 SW Union to 4 E Union	06	1528CST 1535CST			0	0	600K		Thunderstorm Wind (G80)
An intense downburst occurred in North-Central Newton county and caused significant damage around Union. A few hundred trees were uprooted along with 6 homes damaged, 2 businesses and nearly a dozen sheds destroyed.									
<b>Neshoba County</b>									
6 SW House to House	06	1533CST 1540CST			0	0	700K		Thunderstorm Wind (G80)
The same intense downburst that blew through the Union area continued into South-Central Neshoba county. These very strong straight line winds downed a few hundred trees and caused structural damage to a dozen homes. The wind damage basically occurred along State Highway 492 from Union to the House community.									
<b>Lawrence County</b>									
3 SW Sontag to 1 S New Hebron	06	1538CST 1600CST			0	0			Hail(1.00)

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--	---------------------------------------	--------------------

## MISSISSIPPI, Central

The long lived supercell thunderstorm continued out of NE Lincoln county and moved across the northern part of Lawrence county. A swath of penny to quarter sized hail occurred as the storm moved NNE.

### **Simpson County**

**Shivers to  
Magee**

**06 1545CST  
1615CST** **0 0** **Hail(1.00)**

Penny to quarter sized hail fell across the southern portion of Simpson county.

### **Kemper County**

**Damascus**

**06 1550CST** **0 0 40K** **Thunderstorm Wind (G62)**

A few homes in the Damascus Community had shingles blown off their roofs.

### **Simpson County**

**4 SE Shivers to  
3 E Magee**

**06 1554CST  
1612CST** **0 0 40K** **Thunderstorm Wind (G65)**

A few dozen trees were blown down across a large portion of Southern and SE Simpson county.

### **Lincoln County**

**3 NW Ruth to  
6 NE Ruth**

**06 1555CST  
1608CST** **0 0 30K** **Hail(1.75)**

Another large supercell thunderstorm developed over Lincoln county and produced a swath of quarter to golf ball sized hail across the SE portion of the county.

### **Jefferson Davis County**

**2 SW Hebron to  
8 NW Hebron**

**06 1600CST  
1612CST** **0 0** **Hail(1.00)**

The long lived supercell thunderstorm continued out of NE Lawrence county and moved across the extreme northern portions of Jefferson Davis county. Penny to quarter sized hail occurred as the storm moved to the NNE.

### **Simpson County**

**3 S Mendenhall**

**06 1600CST** **0 0 150K** **Lightning**

A house was burned down after it was struck by lightning.

### **Lawrence County**

**10 SW Monticello to  
2 SE Silver Creek**

**06 1608CST  
1631CST** **0 0 100K** **Hail(1.75)**

The large supercell thunderstorm continued to move NE and tracked across all of Central Lawrence county. A swath of quarter to golf ball sized hail occurred from just N of Topeka to Monticello to near Silver Creek.

### **Noxubee County**

**Shuqualak**

**06 1608CST** **0 0 15K** **Thunderstorm Wind (G58)**

Several trees were blown down around town.

### **Sunflower County**

**3 S Parchman to  
Rome**

**06 1610CST  
1618CST** **0 0** **Hail(0.88)**

### **Noxubee County**

**3 E Macon**

**06 1620CST** **0 0** **Thunderstorm Wind (G63)**

### **Jefferson Davis County**

**6 W Prentiss to  
8 NE Prentiss**

**06 1630CST  
1649CST** **0 0 60K** **Hail(1.75)**

The long lived supercell thunderstorm continued to track NE and moved across Central and NE Jefferson Davis county. Quarter to golf ball sized hail occurred along the path.

### **Jefferson Davis County**

**Prentiss**

**06 1640CST** **0 0 2K** **Thunderstorm Wind (G58)**

A few trees were blown down.

### **Jasper County**

**3 N Bay Spgs**

**06 1643CST** **0 0 5K** **Thunderstorm Wind (G60)**

Several trees were blown down just N of Bay Springs.

### **Covington County**

**6 SW Mt Olive to  
3 N Hot Coffee**

**06 1649CST  
1711CST** **0 0 20K** **Hail(1.75)**

The long lived supercell thunderstorm continued into NW Covington county and tracked across the northern portion of the county producing a swath of penny to golf ball sized hail. The storm moved into SE Smith county a few miles N of Hot Coffee.

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Number of Persons Injured	Estimated Damage Property Crops	Character of Storm
<b><u>MISSISSIPPI, Central</u></b>								
<b>Leflore County</b>								
2 W Itta Bena to Minter City	06	1650CST 1720CST			0	0		Hail(0.75)
<b>Covington County</b>								
Mt Olive to 1 E Mt Olive	06	1653CST 1654CST	0.5	50	0	0	5K	Tornado (F0)
This brief tornado touched down on the eastern side of Mt. Olive and damaged a few trees. The tornado was observed by a storm chaser as it briefly touched down.								
<b>Noxubee County</b>								
Shuqualak to Macon	06	1700CST 1800CST			0	0	10K	Flash Flood
Several city streets were flooded in Macon and Shuqualak, as well as a few county roads between the two cities.								
<b>Smith County</b>								
3 SW Taylorsville to 6 ENE Taylorsville	06	1711CST 1721CST			0	0		Hail(1.00)
The long lived supercell thunderstorm continued out of NE Covington county and tracked across SE Smith county. Penny to quarter sized hail occurred in Taylorsville and other communities across SE Smith county.								
<b>Jones County</b>								
8 WNW Soso to 4 NE Soso	06	1712CST 1723CST			0	0		Hail(1.00)
The long lived supercell thunderstorm continued out of NE Covington county and moved across NW Jones county. A swath of penny to quarter sized hail occurred 8 miles NW of Soso to near the Moss community on the Jasper/Jones county line.								
<b>Jasper County</b>								
3 W Stringer to 4 NE Stringer	06	1721CST 1729CST			0	0		Hail(0.88)
<b>Jasper County</b>								
Bay Spgs	06	1725CST			0	0		Hail(0.75)
<b>Yazoo County</b>								
Midway to 5 NNE Midway	06	1733CST 1746CST			0	0		Hail(0.88)
<b>Copiah County</b>								
2 SE Bowerton to 5 SW Hazlehurst	06	1743CST 1754CST			0	0		Hail(0.88)
<b>Holmes County</b>								
Zeiglerville to Lexington	06	1746CST 1813CST			0	0		Hail(0.88)
<b>Rankin County</b>								
Florence to Brandon	06	1811CST 1828CST			0	0		Hail(0.75)
<b>Lincoln County</b>								
2 NE New Sight to 4 NE New Sight	06	1843CST 1848CST			0	0		Hail(0.88)
<b>Copiah County</b>								
1 S Wesson to Rockport	06	1848CST 1919CST			0	0		Hail(0.88)
A swath of penny to nickel sized hail occurred across SE Copiah county.								
<b>Leake County</b>								
Rosebud to 1 E Madden	06	1919CST 1927CST			0	0		Hail(0.75)
<b>Simpson County</b>								
9 W Shivers to 5 SSE Martinville	06	1919CST 1959CST			0	0	40K	Hail(1.75)
A supercell thunderstorm tracked across all of Simpson county and produced a swath of penny to golf ball sized hail from near the Bridgeport Community to just N and NE of Magee.								
<b>Neshoba County</b>								
1 W Dowdville to 5 NE Center	06	1927CST 2000CST			0	0	20K	Hail(1.75)

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b>MISSISSIPPI, Central</b>									
A swath of penny to golf ball sized hail occurred across a large portion of Neshoba county. The storm moved from SW to NE across the county and produced the largest hail, golf ball size, around Philadelphia.									
<b>Simpson County</b>									
<b>Magee</b>	06	1951CST			0	0	70K		Thunderstorm Wind (G66)
	A building in Magee had a section of its roof blown off.								
<b>Smith County</b>									
<b>2 S Traxler to 3 N Ted</b>	06	2000CST 2027CST			0	0			Hail(1.00)
	The supercell thunderstorm continued out of NE Simpson county and tracked ENE across all of Central Smith county. A swath of penny to quarter sized hail occurred from near the Traxler Community to Raleigh to several miles NE of Sylvarena.								
<b>Smith County</b>									
<b>4 W Sylvarena to 3 NE Sylvarena</b>	06	2012CST 2020CST	6	75	0	0	300K		Tornado (F1)
	This tornado touched down just to the W of Sylvarena and tracked ENE for 6 miles. Numerous trees were snapped and uprooted along the path. Two miles W of Sylvarena, just off State Highway 18, a two story home had a large tree blown down on it causing major damage. Also at this location a outbuilding was destroyed. The tornado dissipated about 1 mile W of the Ted Community								
<b>Newton County</b>									
<b>Decatur to 5 NE Decatur</b>	06	2022CST 2027CST			0	0			Hail(1.00)
<b>Jasper County</b>									
<b>4 W Louin to 8 NE Rose Hill</b>	06	2027CST 2059CST			0	0			Hail(1.00)
	The long lived supercell thunderstorm continued across the northern half of Jasper county. This storm produced a swath of penny to quarter sized hail along its path.								
<b>Newton County</b>									
<b>8 S Chunky</b>	06	2055CST 2059CST			0	0			Hail(0.88)
	The same supercell that moved across Jasper county, clipped the extreme SE corner of Newton county and produced penny to nickel sized hail.								
<b>Clarke County</b>									
<b>5 WNW Enterprise to 3 N Enterprise</b>	06	2059CST 2105CST			0	0			Hail(0.88)
	The same supercell that moved across Jasper county, clipped the extreme NW corner of Clarke county and produced penny to nickel sized hail as it moved into SW Lauderdale county.								
<b>Lauderdale County</b>									
<b>8 SSW Meehan to Marion</b>	06	2059CST 2123CST			0	0			Hail(1.00)
	The long lived supercell storm continued into Lauderdale county. This storm produced nickel to quarter sized hail from the extreme SW corner of the county to around the Marion Community.								
<b>Leake County</b>									
<b>6 W Walnut Grove to 1 E Edinburg</b>	06	0726CST 0803CST	21	300	0	0	500M	100K	Tornado (F1)
<b>Neshoba County</b>									
<b>6 NW Hope to 7.5 NW Hope</b>	06	0803CST 0807CST	2	100	0	0	15K		Tornado (F1)
	This tornado was the third tornado produced by a "Cyclic Supercell" thunderstorm and it cut a path 23 miles across Leake and a small part of West-Central Neshoba county. This tornado first touched down between Lena and Walnut Grove and tracked northeast to where it moved into Neshoba county just east of Edinburg. Along the path, a dozen homes sustained significant roof damage with many shingles and pieces of the roof torn off. Additionally, 6 to 8 sheds were heavily damaged or destroyed. Several hundred trees and many power lines were blown down and damaged along the 23 mile path.								
<b>Smith County</b>									
<b>3 SE Daniel to 4 NE Polkville</b>	06	0842CST 0859CST	12	500	0	0	120K	2.2M	Tornado (F2)



# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## MISSISSIPPI, Central



*A chicken house destroyed just north of the White Oak Community in Smith county.*

### Scott County

4 SSW Pulaski to  
2.5 S Pulaski

06	0859CST 0905CST	1.5	200	0	0	40K	Tornado (F1)
----	--------------------	-----	-----	---	---	-----	--------------

This tornado touched down 1 mile north of White Oak and tracked north-northeast for 12 miles as it moved into Scott county. Once in Scott county, the tornado was on the ground for another 1.5 miles before it dissipated. At the beginning of the track, 3 outbuildings were heavily damaged and numerous large trees were snapped. The tornado continued to the north-northeast and increased in intensity. About 5 to 8 miles north-northeast of White Oak, the tornado reached its maximum intensity. Here, 7 well constructed chicken houses were destroyed and hundreds of chickens were killed. Pieces of sheet metal and other parts of the chicken houses were deposited some 2 miles downstream along the path. Additionally, a few hundred large trees were uprooted and snapped. The tornado continued to the north-northeast and moved into Scott county at 0859 CST. The tornado weakened at this point and the damage was confined to several trees snapped and uprooted. The total path length across Smith and Scott counties was 13.5 miles.

### Covington County

1 N Mt Olive to  
2 NNW Mt Olive

06	0910CST 0914CST	1.5	100	0	0	5K	Tornado (F0)
----	--------------------	-----	-----	---	---	----	--------------

### Smith County

8 SW Mize to  
Ted

06	0914CST 1007CST	26	600	0	0	8M	600K	Tornado (F3)
----	--------------------	----	-----	---	---	----	------	--------------

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## MISSISSIPPI, Central



*F3 damage to the Mize Attendance Center. Second floor almost totally taken off.*

### Jasper County

4 SW Louin to  
3.5 SW Louin

06	1007CST 1008CST	0.5	75	0	0	1K	Tornado (F0)
----	--------------------	-----	----	---	---	----	--------------

This strong tornado developed from a long lived supercell thunderstorm, which had a history of producing tornadoes, that moved across a large portion of Southern and Central Mississippi. The tornado touched down just N of Mount Olive, in Covington county, and stayed on the ground for 28 miles across most of Smith county, where it dissipated around the Ted community just inside Jasper county. Where the tornado first touched down it was weak, F0, and only downed a few trees. As it moved NE, into Smith county, it quickly gained strength. F1 to F2 type damaged occurred across SW Smith county where hundreds of trees were snapped or uprooted and several homes and outbuildings had part or all of their roofs blown off. As the strong tornado approached Mize, MS, it became stronger and reached it maximum intensity, F3. Here the tornado was 600 yards wide and was significantly damaging nearly all the trees in its path. One mile to the SW of Mize, a mobile home was destroyed. The most significant damage occurred in Mize where the Attendance Center was nearly demolished. The top floor of the Attendance Center was almost completely taken off, 3 portable classrooms were destroyed along with several large light poles bent or snapped. The tornado continued to the NE toward the Center Ridge community. The damage between Mize and Center Ridge, a distance of nearly 9 miles, ranged between F2 and F3. Along Providence Road, a barn was destroyed, 2 homes were significantly damaged and a church was heavily damaged. The tornado crossed State Highway 37 and continued toward the Center Ridge community. Here, many more trees were uprooted along with several structures demolished or sustaining significant damage. As the tornado tracked toward Sylvarena, it began to weaken and become smaller. From this point, to where it dissipated in Jasper county, damage was confined to trees snapped and uprooted. This tornado affected 3 counties and had a total path length of 28 miles.

### Warren County

Vicksburg to  
2 SE Youngton

11	0348CST 0416CST			0	0		Hail(1.00)
----	--------------------	--	--	---	---	--	------------

A swath of penny to quarter sized hail occurred across Central Warren county as a storm moved east-northeast into Northwest Hinds county.

### Warren County

Vicksburg

11	0352CST			0	0	5K	Thunderstorm Wind (G52)
----	---------	--	--	---	---	----	-------------------------

A few trees and a power line were blown down in the city.

### Hinds County

9 W Brownsville to  
4 NE Brownsville

11	0416CST 0434CST			0	0		Hail(1.00)
----	--------------------	--	--	---	---	--	------------

A swath of quarter sized hail fell across Northern Hinds county as a storm moved east-northeast into Southwest Madison county

### Madison County

6 SW Flora to  
Truitt

11	0434CST 0533CST			0	0		Hail(1.00)
----	--------------------	--	--	---	---	--	------------

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## MISSISSIPPI, Central

A swath of quarter sized hail occurred across a large portion of Southwest and Western Madison county. The storm dumped hail from the Flora area to around Sharpsburg.

### Attala County

5 SW Sallis to  
Possumneck

11	0642CST 0700CST	0	0			Hail(1.00)
----	--------------------	---	---	--	--	------------

A swath of penny to quarter sized hail occurred from around the Sallis community to near Possumneck.

### Humphreys County

Belzoni

11	0645CST 0650CST	0	0			Hail(1.00)
----	--------------------	---	---	--	--	------------

### Holmes County

Thornton to  
3 NE Thornton

11	0730CST 0737CST	0	0			Hail(0.88)
----	--------------------	---	---	--	--	------------

### Attala County

3 WNW Hesterville to  
6 NNW Hesterville

11	0735CST 0740CST	0	0	15K		Hail(1.75)
----	--------------------	---	---	-----	--	------------

### Holmes County

4 SSE Thornton to  
Tchula

11	0802CST 0815CST	0	0	15K		Hail(1.75)
----	--------------------	---	---	-----	--	------------

A swath of quarter to golf ball sized hail occurred from around Thornton to Tchula.

### Carroll County

3 SW Seven Pines

11	0807CST	0	0			Hail(0.88)
----	---------	---	---	--	--	------------

### Carroll County

9 NW Black Hawk

11	0945CST 0950CST	0	0			Hail(0.88)
----	--------------------	---	---	--	--	------------

Penny to nickel sized hail was covering the ground.

### Leflore County

2 SE Greenwood

11	0955CST	0	0			Hail(0.75)
----	---------	---	---	--	--	------------

### Holmes County

Cruger

11	1000CST 1200CST	0	0	100K		Flash Flood
----	--------------------	---	---	------	--	-------------

Heavy rainfall, between 3 and 6 inches, occurred across portions of northwest Holmes county. This caused area roads to flood as well as a few homes.

### Grenada County

4 S Holcomb

11	1025CST	0	0	2K		Thunderstorm Wind (G50)
----	---------	---	---	----	--	-------------------------

A few trees were blown down across a couple of roads.

### Leflore County

1 E Greenwood

11	1107CST 1200CST	0	0	10K		Flash Flood
----	--------------------	---	---	-----	--	-------------

Several streets were flooded on the east side of Greenwood, including the intersection of Highway 7 and 82.

### Carroll County

8 N North Carrollton

11	1125CST	0	0			Hail(1.00)
----	---------	---	---	--	--	------------

### Washington County

Greenville

11	1130CST 1300CST	0	0	20K		Flash Flood
----	--------------------	---	---	-----	--	-------------

Several area streets and highways were flooded as several rounds of thunderstorms moved across the Delta. Two to four inches of rain fell across portions of Washington county.

### Grenada County

3 E Grenada

11	1315CST 1530CST	0	0	150K		Flash Flood
----	--------------------	---	---	------	--	-------------

Several streets were flooded in the Deer Park subdivision and part of Highway 8 was washed out.

### Issaquena County

Tallula to  
6 NNE Fidler

11	1319CST 1328CST	0	0	100K		Thunderstorm Wind (G68)
----	--------------------	---	---	------	--	-------------------------

One home had a portion of its roof peeled off near Moon Lake. Additionally several trees were blown down all across the Moon Lake Community.

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
<b>MISSISSIPPI, Central</b>							
<b>Sharkey County</b>							
Cary	11	1330CST			0 0	250K	Thunderstorm Wind (G70)
Several trees were blown down around Cary along with several homes having shingles blown off. A few homes had the corner of the roof peeled off and one home had a large tree down on it. Additionally, numerous large limbs were blown down.							
<b>Humphreys County</b>							
Belzoni	11	1400CST			0 0		Hail(0.88)
<b>Bolivar County</b>							
Cleveland	11	1415CST 1500CST			0 0	10K	Flash Flood
Locally heavy rain caused many streets in the Cleveland area to flood.							
<b>Warren County</b>							
Vicksburg	11	1415CST 1530CST			0 0	5K	Flash Flood
Several streets were flooded in Vicksburg.							
<b>Grenada County</b>							
Gore Spgs	11	1505CST			0 0		Thunderstorm Wind (G50)
A few trees were blown down.							
<b>Webster County</b>							
Clarkson to Dancy	11	1535CST 1539CST			0 0	80K	Thunderstorm Wind (G68)
Several large trees were blown down just north of Highway 50 as well as along county road 182 northeast of Cumberland. Additionally, a few homes had shingles blown off around the Clarkson Community.							
<b>Hinds County</b>							
Jackson	11	1625CST			1 0	5K	Thunderstorm Wind (G50)
A very large limb was blown down and hit a pedestrian walking on the sidewalk. Additionally, this limb took down a live power line which also landed on the pedestrian. A combination of the large limb and electricity caused the fatality. M55UT							
<b>Forrest County</b>							
Hattiesburg to 1 E Petal	11	1722CST 1726CST			0 0		Hail(0.88)
<b>Hinds County</b>							
4 SE Brownsville to 1 NW Pochahontas	11	1742CST 1749CST			0 0		Hail(1.00)
<b>Madison County</b>							
4 S Flora to 3 ENE Flora	11	1749CST 1755CST			0 0		Hail(0.75)
<b>Winston County</b>							
5 W Fearn's Spgs	20	1554CST			0 0		Thunderstorm Wind (G50)
Many large limbs were blown down from the rear flank downdraft of the supercell storm.							
<b>Hinds County</b>							
4 S Clinton to 4 SSE Clinton	22	1450CST 1455CST			0 0		Hail(0.88)
<b>Neshoba County</b>							
1 NE Burnside to 4 NNE Center	22	1450CST 1506CST			0 0	30K	Hail(1.75)
A supercell thunderstorm developed over the northern portions of Neshoba county and produced a swath of quarter to golf ball sized hail as it moved eastward into West-Central Kemper county.							
<b>Sharkey County</b>							
2 SE Cary to Spanish Fort	22	1453CST 1506CST			0 0	20K 25K	Hail(0.02)
A supercell thunderstorm quickly developed over Sharkey county and slowly moved southeast producing a swath of quarter to golf ball sized hail.							
<b>Yazoo County</b>							
6 W Yazoo City to 6 SSW Vaughan	22	1501CST 1541CST			0 0	50K	Hail(1.75)

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## MISSISSIPPI, Central

The first of two supercell thunderstorms moved across most of northern Yazoo county and produced a swath of quarter to golf ball sized hail. The storm began producing hail about 6 miles west of Yazoo City and continued to produce large hail as the storm moved south-southeast to the Yazoo/Madison county line where Interstate 55 crosses the Big Black River

### Kemper County

6 SW Preston to  
5 E Porterville

22 1506CST  
1602CST 0 0 300K 100K Hail(4.25)

The first of a few intense supercell thunderstorms tracked east-southeast across all of Kemper county. The storm moved into the county, from Neshoba county, a few miles southwest of Preston. Between Preston and DeKalb is where the largest hail fell. A large swath of baseball to softball sized hail occurred in that area. Damage to homes, cars and trees occurred along Highway 397 and a portion of Highway 16 west and northwest of DeKalb. As the storm moved through DeKalb and then to the Porterville Community, the hail became a little smaller and was ranging between quarters and golf balls.

### Rankin County

Richland to  
3 NE Puckett

22 1512CST  
1607CST 0 0 200K 100K Hail(2.00)

One of several supercell thunderstorms to move across Rankin county this afternoon, got its act together along the Pearl River, between South Jackson and Richland, and began producing penny sized hail as it moved into Richland. This supercell continued to intensify as it moved south-southeast across Rankin county. A swath of quarter to golf ball to hen egg sized hail fell along the path of this storm. The largest hail fell from nearly 7 miles south of Brandon to the Johns and Puckett Communities. The supercell moved into Smith county at 507 PM.

### Rankin County

3 N Whites to  
8 E Piney Woods

22 1535CST  
1612CST 0 0 300K 100K Hail(1.75)

The second of several supercell thunderstorms to effect Rankin county, moved across the Southwest and South-Central portions of the county. A swath of quarter to golf ball sized hail fell from the Whites and Florence areas, south-southeast to the Pinny Woods and Cato Communities. This large hail damaged numerous vehicles and several homes. Additionally, trees had their leaves stripped from near Star to areas east of Pinny Woods.

### Winston County

5 SW Louisville to  
4 SE Fearn's Spgs

22 1535CST  
1604CST 0 0 200K 100K Hail(2.75)

A large supercell thunderstorm developed across the western portions of Winston county and moved south-southeast before it moved into extreme southwest Noxubee county. Along the path of this damaging storm, a swath of large hail fell. The hail ranged in size from quarters to golf balls to baseballs.

### Yazoo County

4 NW Bentonia to  
3 SE Bentonia

22 1535CST  
1547CST 0 0 500K 100K Hail(2.75)

The second supercell thunderstorm to effect Yazoo county, moved out of Southeast Sharkey county, weakened for awhile, then re-intensified near Bentonia. The storm moved to the south-southeast and produced a swath of quarter to golf ball to baseball sized hail. Several homes and numerous vehicles sustained damaged as well as many trees having their leaves stripped off.

### Madison County

Way to  
15 E Canton

22 1540CST  
1605CST 0 0 40K Hail(1.50)

This supercell thunderstorm moved out of East-Central Yazoo county and moved across the entire central portion of Madison county. Along the path, a swath of nickel to ping pong ball sized hail occurred. At 505 PM, the storm moved into extreme Southwest Leake county and far Northwest Scott county.

### Madison County

5 N Flora to  
3 NE Madison

22 1545CST  
1612CST 0 0 300K Hail(2.75)

The second supercell to effect Madison county moved out of the Bentonia area of Yazoo county. This storm continued to move south-southeast before it merged into another storm over the Madison/Ridgeland area. Between the Big Black River and the Cedar Hill Community, golf ball to baseball sized hail fell. As the storm approached Madison it weakened some and the hail was between penny and quarter size.

### Hinds County

Pocahontas to  
Jackson

22 1551CST  
1608CST 0 0 Hail(0.75)

Penny sized hail fell from around Pocahontas to North Jackson along County Line Road

### Madison County

6 NNW Ridgeland to  
3 E Ridgeland

22 1553CST  
1620CST 0 0 Hail(0.88)

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## MISSISSIPPI, Central

The third supercell to effect Madison county developed near the Pocahontas Community in Northern Hinds county and moved south-southeast across Southern Madison county. This storm eventually merged with supercell #2 and became the dominant storm than eventually moved across Central Rankin county. This storm produced a swath of penny to nickel sized hail all across Southern Madison county.

### Attala County

1 N Newport to  
14 SE Kosciusko

22 1555CST  
1620CST 0 0 Hail(1.25)

A swath of penny to half dollar sized hail fell from the Newport area to around the Zama Community

### Winston County

Fearns Spgs

22 1557CST 0 0 Funnel Cloud

### Noxubee County

5 NW Gholson to  
6 E Gholson

22 1600CST  
1617CST 0 0 150K 50K Hail(2.50)

The supercell thunderstorm continued out of Southeast Winston county and tracked across the Southwest corner of Noxubee county around the Gholson Community. A swath of golf ball to tennis ball sized hail fell along the path.

### Smith County

3 S Daniel to  
6 NNW Raleigh

22 1600CST  
1619CST 0 0 40K Hail(1.50)

This supercell thunderstorm is the first of a few supercell storms to effect Smith county. This storm moved out of Southeast Rankin county and produced a swath of quarter to ping pong ball sized hail from near the Daniel Community to just east of the White Oak Community where the storm dissipated.

### Scott County

4 NW Ludlow to  
3 N Harpersville

22 1605CST  
1625CST 0 0 Hail(0.88)

A swath of Nickel hail fell from the far northwest corner of Scott county to just north of the Harpersville Community. This storm moved out of Eastern Madison county and tracked south-southeast along the Scott/Leake county line before the storm dissipated between Harpersville and Walnut Grove.

### Simpson County

4 N D Lo to  
6 E Martinville

22 1605CST  
1640CST 0 0 220K 25K Hail(1.75)

The first of two supercell thunderstorms to effect Simpson county moved into the North-Central portion of the county around 5:05 PM. The storm entered from Rankin county and moved east-southeast to just east of the Martinville Community before moving into Smith county. A swath of quarter to golf ball sized hail fell along the path.

### Leake County

8 W Lena to  
Walnut Grove

22 1608CST  
1625CST 0 0 Hail(0.88)

A swath of penny to nickel sized hail fell along the Leake/Scott county line from the southwest corner of Leake county to Walnut Grove.

### Kemper County

6 NE Preston to  
7 SSE Scooba

22 1609CST  
1645CST 0 0 500K Hail(2.50)

This large supercell thunderstorm, the second to effect Kemper county, moved out of Southwest Noxubee county and tracked across the northern portion of Kemper county. This storm produced a swath of golf ball to tennis ball sized hail from the Kemper/Noxubee county line to Scooba. Several homes and numerous vehicles were damaged in Scooba.

### Rankin County

5 W Fannin to  
4 E Pelahatchie

22 1612CST  
1652CST 0 0 50K Hail(1.25)

The third supercell to effect Rankin county moved out of the Madison/Ridgeland area and across the lower Ross Barnett Reservoir into West-Central Rankin county. The supercell moved east-southeast across Rankin county before moving into Southwest Scott county. This storm produced a swath of penny to quarter to half dollar sized hail.

### Winston County

9 W Noxapater to  
5 S Noxapater

22 1613CST  
1627CST 0 0 Hail(1.25)

### Kemper County

5 E Blackwater to  
5 E Tamola

22 1615CST  
1635CST 0 0 100K Hail(2.75)

Another supercell developed across Southern Kemper county and moved eastward to the Tamola Community. A swath of quarter to golf ball to baseball sized hail occurred.

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
<b>MISSISSIPPI, Central</b>							
<b>Madison County</b>							
Madison	22	1615CST			0 0	3K	Thunderstorm Wind (G55)
							Several large trees and numerous large limbs were blown down.
<b>Newton County</b>							
3 NE Decatur to 4 S Duffee	22	1620CST 1633CST			0 0		Hail(0.88)
<b>Jefferson Davis County</b>							
4 S Bassfield	22	1621CST			0 0		Hail(0.75)
<b>Marion County</b>							
9 NE Goss	22	1621CST			0 0		Hail(0.75)
<b>Neshoba County</b>							
1 NW Stallo to 5 NE Center	22	1622CST 1643CST			0 0	50K	Hail(1.25)
							A swath of penny to half dollar sized hail fell from the Stallo Community to just northeast of the Center Community
<b>Lauderdale County</b>							
4 NNE Lauderdale to 6 NE Lauderdale	22	1628CST 1635CST			0 0	30K	Hail(1.75)
							The supercell thunderstorm that moved across the southern portion of Kemper county, near the Tamola Community, moved across the far Northeast corner of Lauderdale county. The storm produced quarter to golf ball sized hail before it moved into Alabama.
<b>Lauderdale County</b>							
5 W Suqualena to Nellieburg	22	1633CST 1650CST			0 0		Hail(1.00)
<b>Hinds County</b>							
Jackson	22	1635CST			0 0		Hail(0.75)
<b>Smith County</b>							
8 NW Mize to 2.5 S Taylorsville	22	1637CST 1713CST			0 0	1M	Hail(2.75)
							The second of several supercell thunderstorms to effect Smith county, moved into the West-Central portion of the county from Simpson county and tracked east-southeast from near Mize to Taylorsville. This supercell produced a swath of golf ball to baseball sized hail across Southern Smith county. The very large hail damaged many cars and several homes. Windows were blown out by wind driven tennis ball to baseball sized hail. The supercell continued to move east-southeast into extreme Northeast Covington county and Northwest Jones county.
<b>Jones County</b>							
Soso	22	1640CST			0 0		Hail(0.75)
<b>Kemper County</b>							
6 SW Preston to 6 SE Porterville	22	1643CST 1740CST			0 0	200K	Hail(1.75)
							The fourth supercell thunderstorm to effect Kemper county followed the same track as the first supercell. This storm moved from near the Preston area, through DeKalb and then to the Porterville Community. A swath of penny to golf ball sized hail occurred as this storm moved east-southeast.
<b>Jasper County</b>							
2 SE Stringer to 4 E Heidelberg	22	1646CST 1712CST			0 0		Hail(0.75)
<b>Scott County</b>							
6 SW Morton to Homewood	22	1646CST 1707CST			0 0	70K	Hail(1.75)
							This supercell thunderstorm moved out of East-Central Rankin county and tracked east-southeast across Southern Scott and extreme Northern Smith county. This storm produced a swath of quarter to golf ball sized hail before it dissipated between the Homewood and Pineville Communities.
<b>Smith County</b>							
1 N Polkville to Pineville	22	1650CST 1716CST			0 0	20K	Hail(1.75)
							This was the third of several supercell thunderstorms to effect Smith county. This particular storm moved out of East-Central Rankin and Southwest Scott counties. The storm moved east-southeast and produced a swath of penny to golf ball sized hail from near Polkville to Pineville. The storm eventually dissipated around Pineville

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b>MISSISSIPPI, Central</b>									
<b>Lauderdale County</b>									
Meridian to 5 NE Whynot	22	1658CST 1725CST			0	0			Hail(0.75)
<b>Jones County</b>									
3 W Ellisville to 9 E Tuckers Crossing	22	1705CST 1727CST			0	0	100K		Hail(1.75)
A swath of nickel to golf ball sized hail fell from around Ellisville eastward to the Jones/Wayne county line.									
<b>Covington County</b>									
4 NNE Hot Coffee to 4 NE Hot Coffee	22	1707CST 1715CST			0	0	50K		Hail(2.50)
This large supercell thunderstorm moved out of Southeast Smith county and tracked across the extreme Northeast corner of Covington county. Golf ball to Tennis ball sized hail fell along the Covington/Smith county line at Highway 37. The storm moved east-southeast into Northwest Jones county.									
<b>Jones County</b>									
7 WNW Soso to 6 E Laurel	22	1708CST 1750CST			0	0	800K		Hail(2.75)
This large supercell thunderstorm moved out of Southeast Smith county and tracked east-southeast through the Soso Community and then through the city of Laurel before dissipating. This storm produced a swath of golf ball to baseball sized hail. Many homes and vehicles were damaged from the large hail.									
<b>Hinds County</b>									
3 SW Byram to 3 S Byram	22	1710CST 1717CST			0	0			Hail(1.00)
<b>Newton County</b>									
3 S Decatur to Chunky	22	1710CST 1729CST			0	0			Hail(0.75)
<b>Smith County</b>									
3 SW Taylorsville	22	1710CST 1711CST			0	0	300K	30K	Thunderstorm Wind (G70)
Intense straight line winds occurred from the rear flank downdraft from the supercell thunderstorm that moved from Mize to Taylorsville. A mobile home was destroyed, a chicken house damaged and many trees were uprooted and snapped.									
<b>Forrest County</b>									
5 N Hattiesburg to 6 E Petal	22	1715CST 1729CST			0	0	80K		Hail(1.75)
A swath of quarter to golf ball sized hail fell across Northern Forrest county.									
<b>Jasper County</b>									
4 SW Stringer to 4 S Stringer	22	1715CST 1720CST			0	0	25K		Hail(1.75)
The large supercell thunderstorm that moved out of the Taylorsville area of Southeast Smith county, tracked across the far Southwest corner of Jasper county and produced a small swath of quarter to golf ball sized hail.									
<b>Rankin County</b>									
3 W Cleary to 6 E Piney Woods	22	1716CST 1755CST			0	0			Hail(1.00)
The fourth supercell thunderstorm of the day developed near Byram and tracked east-southeast across Southwest and South-Central Rankin county. This supercell produced a swath of nickel to quarter sized hail from the Cleary Community to just east of the Pinny Woods Community.									
<b>Lauderdale County</b>									
3 W Meehan to 4 SE Meehan	22	1729CST 1737CST			0	0			Hail(0.75)
<b>Smith County</b>									
3 E Raleigh to 7 SE Sylvarena	22	1729CST 1753CST			0	0	150K		Hail(1.75)
The third supercell to effect Smith county developed around Raleigh and tracked east-southeast to just Southwest of Bay Springs. This storm produced a swath of quarter to golf ball sized hail as moved from just east of Raleigh into Southwest Jasper county.									
<b>Jasper County</b>									
6 NW Louin to 3 NW Louin	22	1730CST 1734CST			0	0			Hail(1.00)



# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
<b>MISSISSIPPI, Central</b>							
<b>Jasper County</b>							
2 W Bay Spgs to 2 E Moss	22	1741CST 1818CST			0 0	300K	Hail(1.75)
This supercell thunderstorm moved out of East-Central Smith county and tracked southeast across the Southwest half of Jasper county. A swath of quarter to golf ball sized hail occurred from Bay Springs to Moss.							
<b>Simpson County</b>							
6 NNW Mendenhall to 5 E Magee	22	1750CST 1827CST			0 0	30K	Hail(1.50)
A supercell thunderstorm continued out of South-Central Rankin county and moved southeast across the eastern portion of Simpson county. A swath of penny to ping pong ball sized hail fell with the storm.							
<b>Jones County</b>							
9 N Laurel to 5 NE Laurel	22	1810CST 1822CST			0 0		Hail(1.00)
A swath of penny to quarter sized hail fell from near the Moss Community to just northeast of Laurel.							
<b>Smith County</b>							
6 W Mize to 1 W Mize	22	1822CST 1833CST			0 0	20K	Hail(1.50)
The last of four supercell thunderstorms to effect Smith county continued out of Eastern Simpson county and into Southwest Smith county. Penny to ping pong ball sized hail occurred in rural Smith county between Mize and the Simpson county line before the storm dissipated.							
<b>Lauderdale County</b>							
6 SW Meridian to 5 SW Meridian	22	1840CST 1842CST			0 0		Hail(0.88)
<b>Jefferson Davis County</b>							
5 SW Bassfield to 3 E Melba	22	1930CST 1948CST			0 0		Hail(0.88)
A swath of penny to nickel sized hail fell across Southern and Southeast Jefferson Davis county.							
<b>Covington County</b>							
9 W Sanford to 2 SE Sanford	22	1948CST 2004CST			0 0		Hail(0.88)
A swath of penny to nickel sized hail fell across Southern Covington county.							
<b>Jones County</b>							
7 SSW Moselle to 5 SW Moselle	22	2002CST 2007CST			0 0		Hail(0.75)
<b>Forrest County</b>							
Petal	22	2010CST			0 0		Thunderstorm Wind (G50)
A couple of large trees were blown down.							
<b>Madison County</b>							
Camden	26	0625CST			0 0		Hail(0.75)
<b>Scott County</b>							
Ludlow	26	0635CST			0 0		Hail(0.75)
<b>Hinds County</b>							
Jackson	26	0640CST 0647CST			0 0		Hail(0.75)
<b>Madison County</b>							
Ridgeland	26	0640CST 0645CST			0 0		Hail(0.75)
<b>Leake County</b>							
Walnut Grove	26	0656CST			0 0		Hail(0.75)
<b>Lincoln County</b>							
2 W Brookhaven to Brookhaven	26	1015CST 1018CST			0 0		Hail(0.75)
<b>Jones County</b>							
Laurel	26	1139CST			0 0		Hail(0.75)

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property Crops	Character of Storm
<b>MISSISSIPPI, Central</b>								
<b>Jones County</b>								
5 E Sandersville	26	1150CST			0	0		Hail(1.00)
<b>Bolivar County</b>								
Shaw	29	2014CST 2015CST			0	0		Hail(1.00)
<b>Bolivar County</b>								
Shaw to 5 S Shaw	29	2015CST 2017CST			0	0	150K	Thunderstorm Wind (G65)
Straight line winds damaged the roofs of several homes south of Shaw to near the Washington county line as well as uprooting several large trees. One home was destroyed from a large tree that fell through it. One large out shed was blown off its blocks. One fertilizer spreader was flipped over and a metal tractor shed had some of its roof blown off.								
<b>Sunflower County</b>								
3 NW Frazier to 6 NE Frazier	29	2015CST 2019CST			0	0		Hail(1.00)
<b>Washington County</b>								
3 NE Helm to 4 NNE Helm	29	2015CST 2017CST			0	0	10K	Thunderstorm Wind (G58)
Several trees and power lines were blown down.								
<b>Sunflower County</b>								
1 NW Sunflower to 1 N Sunflower	29	2035CST 2037CST	1	60	0	0	50K	Tornado (F0)
This weak and brief tornado touched down near the Sunflower Community and damaged a mobile home, flipped over a storage tank and damaged some sheds.								
<b>Leflore County</b>								
Schlater to Money	29	2058CST 2112CST			0	0	200K	Thunderstorm Wind (G72)
A swath of 70 to 80 MPH winds blew across North-Central LeFlore county and caused considerable damage from the Schlater area to around Money. Between Schlater and Shellmound many power poles were snapped and trees uprooted. Closer to the Money Community, more trees were uprooted and a part of a roof was blown off a home. Additionally, near the Sweet Home Community, a barn, shop and farm equipment were destroyed.								
<b>Leflore County</b>								
1 S Schlater	29	2058CST			0	0		Thunderstorm Wind (G60)
A 70 MPH wind gust was measured by a crop duster instrument.								
<b>Leflore County</b>								
2 WSW Shellmound to 1 ESE Shellmound	29	2059CST 2105CST	3	100	0	0	400K	Tornado (F1)
This tornado touched down just West-Southwest of Shellmound and moved east for 3 miles. Several trees were uprooted and snapped along the path with an area along US Highway 49E having a number of power poles snapped off at the base. An irrigation structure was picked up and moved causing significant damage to the irrigation system. Damage from this tornado was limited due to the path occurring over open farm land.								
<b>Carroll County</b>								
1 SE Teoc to 1.5 SE Teoc	29	2125CST 2126CST	0.5	50	0	0		Tornado (F0)
This weak and brief tornado was observed touching down in an open field by a storm chase team. Due to the open area where the tornado touched down, no damage occurred.								
<b>Washington County</b>								
6 SW Hollandale	29	2330CST			0	0	6K	Thunderstorm Wind (G60)
Two power poles were snapped and blown down.								
<b>Warren County</b>								
Vicksburg	30	0100CST			0	0	2K	Thunderstorm Wind (G52)
A few trees and several large limbs were blown down near Hallsferry Road.								
<b>Choctaw County</b>								
2 NE French Camp	30	0102CST			0	0	2K	Thunderstorm Wind (G54)
Several trees were blown down along the Natchez Trace near French Camp.								
<b>Oktibbeha County</b>								
Sturgis	30	0130CST			0	0	1K	Thunderstorm Wind (G52)

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b>MISSISSIPPI, Central</b>									
A few trees were blown down.									
<b>Lincoln County</b>									
7 S Brookhaven	30	0145CST			0	0	5K		Thunderstorm Wind (G55)
One power pole was snapped and one large tree was blown down.									
<b>Covington County</b>									
Mt Olive	30	0200CST			0	0	4K		Thunderstorm Wind (G55)
Several trees were blown down.									
<b>Jefferson Davis County</b>									
9 S Prentiss	30	0220CST			0	0			Thunderstorm Wind (G50)
A few large limbs were torn off trees just east of Highway 13.									
<b>Noxubee County</b>									
12 E Brooksville to 14 E Brooksville	30	0222CST 0225CST			0	0	200K		Thunderstorm Wind (G60)
Several large trees were blown down around the Bigbee Valley Community. Three homes had trees fall on them with one home sustaining major damage. Additionally, one outbuilding was destroyed.									
<b>Clarke County</b>									
4 E Quitman	30	0230CST			0	0			Thunderstorm Wind (G50)
Two trees were blown down.									
<b>Covington County</b>									
2 W Hot Coffee to 2 NNE Hot Coffee	30	0230CST 0235CST	3	50	0	0	50K		Tornado (F0)
This weak tornado touched down just to the west of Hot Coffee and tracked northeast for 3 miles. Several trees were snapped and uprooted along the path along with a few damaged outbuildings.									
<b>Jasper County</b>									
Rose Hill to 5 E Rose Hill	30	0250CST 0259CST			0	0			Hail(1.00)
<b>Clarke County</b>									
5 WSW Enterprise to Enterprise	30	0256CST 0303CST			0	0			Hail(0.75)
<b>Jones County</b>									
6 S Ellisville	30	0320CST 0323CST			0	0	25K		Thunderstorm Wind (G65)
Twenty to thirty trees were blown down 6 miles south of Ellisville.									
<b>Marion County</b>									
Hub to 4 E Hub	30	0320CST 0328CST	4	50	0	0	10K		Tornado (F0)
This weak tornado touched down in the Hub Community and tracked east for 4 miles before dissipating near the Lamar county line. Several trees and many large limbs were blown down or twisted off along the path.									
<b>Marion County</b>									
2 S Hub to 3 SE Pinebur	30	0321CST 0332CST			0	0	10K		Thunderstorm Wind (G55)
A swath of wind damaged occurred from near the Hub Community eastward along Highway 13 into West-Central Lamar county. Just south of the Hub Community several large trees were uprooted along Jefftown Road. All along Highway 13, to the Lamar county line, a few trees were blown down along with numerous large limbs broken off and tree debris scattered across the road and in area lawns.									
<b>Lamar County</b>									
4 NW Baxterville to 3 NNW Baxterville	30	0332CST 0334CST			0	0			Thunderstorm Wind (G55)
Numerous large limbs blown down and tree debris scattered across the area.									
<b>Lamar County</b>									
Purvis	30	0337CST			0	0			Thunderstorm Wind (G52)
A few trees were blown down.									
<b>Clarke County</b>									
Shubuta	30	0338CST			0	0			Thunderstorm Wind (G52)
A few trees were blown down.									

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
<b><u>MISSISSIPPI, Central</u></b>							
<b>Forrest County</b>							
<b>Hattiesburg</b>	<b>30</b>	<b>0340CST</b>			<b>0 0</b>	<b>15K</b>	<b>Thunderstorm Wind (G52)</b>
A few trees were blown down in Hattiesburg. One tree was blown across a portion of Interstate 59 and a car ran into the tree.							
<b>Forrest County</b>							
<b>Hattiesburg</b>	<b>30</b>	<b>0348CST</b>			<b>0 0</b>		<b>Hail(0.75)</b>
<b>Jones County</b>							
<b>(Pib)Pine Belt Rgnl</b>	<b>30</b>	<b>0350CST</b>			<b>0 0</b>		<b>Thunderstorm Wind (G50)</b>
Two trees were blown down near the Pine Belt Regional Airport.							
<b><u>MISSISSIPPI, North</u></b>							
<b>Chickasaw County</b>							
<b>7 S Houston to 6 E Houston</b>	<b>01</b>	<b>1149CST 1205CST</b>			<b>0 0</b>	<b>0.15K</b>	<b>Hail(1.00)</b>
<b>Tishomingo County</b>							
<b>Belmont</b>	<b>01</b>	<b>1253CST 1300CST</b>			<b>0 0</b>	<b>0.01K</b>	<b>Hail(0.75)</b>
<b>Lee County</b>							
<b>Tupelo</b>	<b>06</b>	<b>1400CST 1600CST</b>			<b>0 0</b>	<b>1K</b>	<b>Flash Flood</b>
Six roads were flooded.							
<b>Panola County</b>							
<b>Pope</b>	<b>06</b>	<b>1412CST 1420CST</b>			<b>0 0</b>	<b>0.05K</b>	<b>Hail(0.88)</b>
<b>Panola County</b>							
<b>10 SE Batesville</b>	<b>06</b>	<b>1441CST 1450CST</b>			<b>0 0</b>	<b>0.01K</b>	<b>Hail(0.75)</b>
<b>Panola County</b>							
<b>10 SE Batesville</b>	<b>06</b>	<b>1441CST 1450CST</b>			<b>0 0</b>	<b>20K</b>	<b>Thunderstorm Wind (G55)</b>
One mobile home had roof damage. A shed and a carport were badly damaged. Some trees were knocked down.							
<b>Panola County</b>							
<b>Batesville</b>	<b>06</b>	<b>1500CST 1700CST</b>			<b>0 0</b>	<b>5K</b>	<b>Flash Flood</b>
Flood waters reached several businesses.							
<b>Lafayette County</b>							
<b>7 W Oxford</b>	<b>06</b>	<b>1506CST 1511CST</b>			<b>0 0</b>	<b>0.10K</b>	<b>Hail(1.00)</b>
<b>Lafayette County</b>							
<b>2 SE Oxford</b>	<b>06</b>	<b>1527CST 1532CST</b>			<b>0 0</b>	<b>15K</b>	<b>Thunderstorm Wind (G50)</b>
One mobile home was damaged. Several trees and power lines were blown down.							
<b>Prentiss County</b>							
<b>1 E Booneville</b>	<b>07</b>	<b>1300CST 1305CST</b>			<b>0 0</b>	<b>0.05K</b>	<b>Hail(0.88)</b>
<b>Tate County</b>							
<b>Senatobia</b>	<b>11</b>	<b>1300CST 1500CST</b>			<b>0 0</b>	<b>1K</b>	<b>Flash Flood</b>
Several roads were flooded. The water reached up to the doorways of several cars.							
<b>Prentiss County</b>							
<b>8 E Booneville</b>	<b>22</b>	<b>0220CST 0225CST</b>			<b>0 0</b>	<b>0.75K</b>	<b>Hail(1.75)</b>
<b>De Soto County</b>							
<b>South Haven</b>	<b>22</b>	<b>0427CST 0435CST</b>			<b>0 0</b>	<b>0.01K</b>	<b>Hail(0.75)</b>

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## MISSISSIPPI, North

### Panola County

<b>Sardis</b>	<b>29</b>	<b>1942CST 1950CST</b>			<b>0</b>	<b>0</b>	<b>0.01K</b>		<b>Hail(0.75)</b>
---------------	-----------	----------------------------	--	--	----------	----------	--------------	--	-------------------

### Prentiss County

<b>Booneville</b>	<b>29</b>	<b>2230CST 2235CST</b>			<b>0</b>	<b>0</b>	<b>20K</b>		<b>Thunderstorm Wind (G55)</b>
-------------------	-----------	----------------------------	--	--	----------	----------	------------	--	--------------------------------

Two homes were damaged by falling trees. A sign at a drive-in restaurant was shattered.

### Monroe County

<b>2 NW Aberdeen to 2 N Aberdeen</b>	<b>29</b>	<b>2342CST 2344CST</b>	<b>2</b>	<b>75</b>	<b>0</b>	<b>0</b>	<b>25K</b>		<b>Tornado (F1)</b>
--	-----------	----------------------------	----------	-----------	----------	----------	------------	--	---------------------



*This building was damaged by an F1 tornado which hit near Aberdeen, MS on April 29th.*

The tornado touched down near Aberdeen and moved northeast. One house lost half of its roof. Several other homes suffered shingle damage. Several large trees were uprooted.

## MISSISSIPPI, South

### Jackson County

<b>7 W Vancleave</b>	<b>01</b>	<b>0103CST</b>			<b>0</b>	<b>0</b>			<b>Hail(0.75)</b>
----------------------	-----------	----------------	--	--	----------	----------	--	--	-------------------

### Pearl River County

<b>Picayune</b>	<b>01</b>	<b>0215CST</b>			<b>0</b>	<b>0</b>			<b>Hail(1.75)</b>
-----------------	-----------	----------------	--	--	----------	----------	--	--	-------------------

Hail ranging in size from pennies to golfballs was reported.

### Pearl River County

<b>Countywide</b>	<b>01</b>	<b>0330CST 0930CST</b>			<b>0</b>	<b>0</b>	<b>25K</b>		<b>Flash Flood</b>
-------------------	-----------	----------------------------	--	--	----------	----------	------------	--	--------------------

### Harrison County

<b>Countywide</b>	<b>01</b>	<b>0430CST 1030CST</b>			<b>0</b>	<b>0</b>	<b>50K</b>		<b>Flash Flood</b>
-------------------	-----------	----------------------------	--	--	----------	----------	------------	--	--------------------

### Jackson County

<b>Countywide</b>	<b>01</b>	<b>0430CST 1030CST</b>			<b>0</b>	<b>0</b>	<b>200K</b>		<b>Flash Flood</b>
-------------------	-----------	----------------------------	--	--	----------	----------	-------------	--	--------------------

### MSZ077-081>082

#### Pearl River - Harrison - Jackson

<b>01</b>	<b>0930CST</b>	<b>0</b>	<b>0</b>	<b>325K</b>	<b>Flood</b>
<b>02</b>	<b>1800CST</b>				

Heavy rainfall that began on March 31st continued through the morning hours of April 1st resulting in the flooding of numerous

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Persons Injured	Estimated Damage Property Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------	--------------------	---------------------------------------	--------------------

## MISSISSIPPI, South

roadways and homes in sections of coastal and south Mississippi. The hardest hit area was Jackson County where 8 to 12 inches of rain fell during the night and morning hours. The heavy rain also resulted in significant flooding in lower portions of several rivers and streams in south Mississippi, particularly along major rivers in in Harrison and Jackson Counties, such as the Escatawpa, Biloxi and Tchoutacabouffa Rivers. Overall 250 homes and numerous roadways were flooded across Jackson County, with the communities of Moss Point and Ocean Springs were especially hard hit. In Harrison County, a number of roadways were flooded and a few homes around D'Iberville received water damage. In Pearl River County, several roads were flooded by the heavy rainfall.

### **Pike County**

**Progress to  
2 ENE Holmesville**

**06 0650CST 9 100 0 2 200K Tornado (F2)**  
**0715CST**

A tornado touched down near the community of Progress in Pike County and moved north northeast to the Barto area before crossing Highway 98 and moving out of Pike County and into Walthall County about 2 miles east northeast of Holmesville. Along its path in Pike County, the tornado destroyed a church and a couple of mobile homes, damaged a number of houses and businesses, and knocked down numerous trees.

### **Walthall County**

**3 WNW Dinan to  
2 W Sartinsville**

**06 0715CST 7 100 0 0 300K Tornado (F2)**  
**0755CST**

A tornado moved out of Pike County and entered Walthall County about 3 miles west northwest of Dinan and continued travelling north northeast until it dissipated approximately 2 miles west of Sartinsville. The tornado caused significant damage to 25 houses, 10 trailers, and 2 businesses in Walthall County.

A meso-cyclone thunderstorm produced a tornado as moved on an intermittent path northeastward across eastern Pike County and northwest Walthall County.

### **Wilkinson County**

**Ft Adams**

**06 0845CST 0 0 Hail(1.00)**

### **Hancock County**

**2 W Waveland**

**06 1035CST 1.5 30 0 0 50K Tornado (F1)**  
**1038CST**

A tornado moved through the community of Bayside Park damaging around 30 houses and 8 mobile homes. Some of the homes received severe damage. The tornado also knocked down numerous trees and damaged several vehicles. Most of the damage was produced by trees falling on structures and automobiles.

### **Amite County**

**5 E Liberty**

**06 1315CST 0 0 Hail(0.75)**

### **Jackson County**

**5 NNE Ocean Spgs**

**06 1445CST 0 0 Flash Flood**  
**1545CST**

A bridge was washed out on Old Fort Bayou Road.

### **Amite County**

**Gillsburg**

**11 1704CST 0 0 Funnel Cloud**

### **Pike County**

**Mc Comb Pike Co Arpt**

**11 1720CST 0 0 Funnel Cloud**

### **Walthall County**

**5 SE Tylertown**

**11 1755CST 0 0 2K Thunderstorm Wind (G50)**

Trees and power lines were blown down in the southeast portion of Walthall County.

### **Walthall County**

**5 E Tylertown**

**11 1755CST 0.1 25 0 0 Tornado (F0)**

A weak tornado was observed to briefly touch down causing no damage.

### **Hancock County**

**Waveland**

**11 1920CST 0 0 2K Thunderstorm Wind (G50)**

Trees and power lines were knocked down.

### **Harrison County**

**Saucier**

**11 2200CST 0 0 1.5K Thunderstorm Wind (G50)**

Thunderstorm winds knocked down power lines and a street sign and caused damage to a porch.

### **Pike County**

**3 W Summit**

**22 1845CST 0 0 Hail(0.75)**

### **Amite County**

**Smithdale**

**22 1845CST 0 0 Hail(0.75)**

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## MISSISSIPPI, South

<b>Walthall County</b> <b>5 N Salem</b>	<b>22</b>	<b>1910CST</b>			<b>0</b>	<b>0</b>	<b>1K</b>		<b>Thunderstorm Wind (G50)</b>
			Power lines were blown down in the Sartinville area.						
<b>Pike County</b> <b>3 W Mc Comb</b>	<b>22</b>	<b>1945CST</b>			<b>0</b>	<b>0</b>			<b>Hail(0.88)</b>
			Nickel size hail fell in the Pinehurst area along Highway 48.						
<b>Pearl River County</b> <b>4 W Poplarville</b>	<b>26</b>	<b>1233CST</b>			<b>0</b>	<b>0</b>			<b>Hail(0.75)</b>
<b>Pearl River County</b> <b>9 W Poplarville</b>	<b>26</b>	<b>1235CST</b>			<b>0</b>	<b>0</b>			<b>Hail(1.00)</b>
<b>Harrison County</b> <b>Biloxi to D Iberville</b>	<b>26</b>	<b>2005CST</b>			<b>0</b>	<b>0</b>			<b>Hail(0.75)</b>
			Penny size hail was reported in Biloxi and D'Iberville.						
<b>Walthall County</b> <b>Tylertown</b>	<b>30</b>	<b>0350CST</b>			<b>0</b>	<b>0</b>			<b>Thunderstorm Wind (G50)</b>
			A tree was blown down near Tylertown.						
<b>Pearl River County</b> <b>Countywide</b>	<b>30</b>	<b>0550CST 0615CST</b>			<b>0</b>	<b>0</b>	<b>2K</b>		<b>Thunderstorm Wind (G50)</b>
			Numerous trees were reported down across the county.						

## MISSISSIPPI, Southeast

<b>George County</b> <b>South Portion</b>	<b>01</b>	<b>0915CST 1000CST</b>			<b>0</b>	<b>0</b>			<b>Flash Flood</b>
			Heavy rains caused several roads in the southern parts of the county to flood. Many of the roads had to be closed for about an hour. It was estimated that four to six inches of rain fell across the area in a six hour period.						
<b>Perry County</b> <b>Runnelstown</b>	<b>11</b>	<b>1730CST 1733CST</b>			<b>0</b>	<b>0</b>			<b>Hail(0.75)</b>
<b>Perry County</b> <b>Richton</b>	<b>11</b>	<b>1745CST 1748CST</b>			<b>0</b>	<b>0</b>			<b>Hail(0.75)</b>
<b>Wayne County</b> <b>10 S Waynesboro</b>	<b>11</b>	<b>1807CST 1810CST</b>			<b>0</b>	<b>0</b>			<b>Hail(0.75)</b>
<b>Wayne County</b> <b>Buckatunna</b>	<b>11</b>	<b>1820CST 1823CST</b>			<b>0</b>	<b>0</b>			<b>Hail(0.75)</b>
<b>Wayne County</b> <b>10 W Clara</b>	<b>22</b>	<b>1735CST 1738CST</b>			<b>0</b>	<b>0</b>	<b>3K</b>		<b>Hail(1.75)</b>
			Golfball size hail fell from a thunderstorm near Strengthford. The hail caused minor damage to some vehicles.						
<b>Wayne County</b> <b>Waynesboro</b>	<b>22</b>	<b>1755CST 1757CST</b>			<b>0</b>	<b>0</b>			<b>Hail(0.75)</b>
<b>Perry County</b> <b>Richton</b>	<b>22</b>	<b>1810CST 1815CST</b>			<b>0</b>	<b>0</b>	<b>4K</b>		<b>Hail(1.75)</b>
			Golfball size hail fell from a thunderstorm near Richton. The large hail damaged several vehicles.						
<b>Greene County</b> <b>Bothwell</b>	<b>22</b>	<b>1815CST 1817CST</b>			<b>0</b>	<b>0</b>			<b>Hail(0.75)</b>

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Persons Injured	Estimated Damage Property Crops	Character of Storm
<b><u>MISSISSIPPI, Southeast</u></b>								
Wayne County Clara	22	1850CST 1853CST			0	0		Hail(0.88)
Greene County Rounsaville	22	1910CST 1911CST	0.5	200	0	0	25K	Tornado (F0)
A weak tornado briefly touched down near Rounsaville. The tornado blew down several trees and caused minor roof and siding damage to two homes. The storm also dropped quarter size hail.								
Wayne County Waynesboro	26	1210CST 1212CST			0	0		Hail(0.75)
Stone County Wiggins	26	1250CST 1253CST			0	0		Hail(0.75)
Wayne County Waynesboro	30	0400CST 0403CST			0	0	15K	Thunderstorm Wind (G50)
High winds from a thunderstorm blew down several trees and power lines near Waynesboro. The high winds also damaged some outbuildings in the area.								
Stone County Wiggins	30	0500CST 0503CST			0	0	8K	Thunderstorm Wind (G50)
High winds from a thunderstorm blew down several trees and power lines near Wiggins.								
<b><u>MISSOURI, East</u></b>								
St. Louis County Chesterfield	12	1725CST 1729CST			0	0		Hail(0.75)
St. Louis County Town And Country	12	1745CST 2215CST			0	0		Flash Flood
Very heavy rain fell in a short amount of time over St. Louis county, especially western sections of the county. The area affected the most was in Town and Country, along a four mile stretch of Highway 141 from Ladue Road to Dutch Mill Road. The highway was briefly closed at Dutch Mill Road due to water over the road. The county road department was forced to close the flood gates at Ladue Road where 2 and a half feet of water was over the roadway. Also, several side roads, including Conway, White and Clayton had up to 8 inches of water flowing over them for a brief time.								
St. Louis County Affton	12	1900CST 2215CST			0	0		Flash Flood
Very heavy rain fell in a short amount of time over St. Louis County. In Affton, Grant Road in Grantwood Village, between Gravois Road and Pardee Road, was briefly closed due to fast rising water from the creek along Grant Road.								
Monroe County Paris	20	1220CST			0	0		Thunderstorm Wind (G50)
Thunderstorm winds blew down several trees, tree branches and power lines in Paris.								
Callaway County 3 SE Kingdom City	20	1334CST			0	0		Hail(0.75)
Storm spotters reported hail up to 3/4 inch in diameter nearly covered the ground.								
Franklin County Robertsville	20	1535CST			0	0		Hail(0.75)
Storm spotters reported 3/4 inch hail.								
Crawford County Bourbon	20	1541CST			0	0		Hail(0.88)
The County EOC reported nickel size hail in Bourbon.								
St. Louis County Lemay	21	0240CST			0	0		Hail(0.88)



# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b><u>MISSOURI, East</u></b>									
<b>Moniteau County</b>									
California	21	1430CST			0	0			Hail(0.88)
									The Sheriff Department reported nickel size hail.
<b>Moniteau County</b>									
3 NW Jamestown	21	1500CST			0	0			Hail(1.25)
<b>Moniteau County</b>									
Jamestown	21	1510CST			0	0			Hail(1.00)
									Storm Chasers from the University of Missouri reported half dollar size hail. Local law enforcement reported 1 inch hail in Jamestown.
<b>Crawford County</b>									
Bourbon	21	1530CST			0	0			Hail(0.88)
									Local law enforcement reported nickel size hail in Bourbon.
<b>Boone County</b>									
3 S Ashland	21	1530CST			0	0			Hail(0.88)
<b>Boone County</b>									
3 S Ashland	21	1535CST			0	0			Hail(1.75)
									The Boone County EOC reported hail up to golfball size just south of Ashland.
<b>Monroe County</b>									
Paris	21	1530CST			0	0			Thunderstorm Wind (G55)
									Thunderstorm winds downed a 2 foot and 1 foot diameter tree on Cooper Street. A large tree limb was also downed on the grounds of the Monroe County Courthouse. The "Stihl" sign in front of Ed's Hardware was blown down by the wind.
<b>Callaway County</b>									
2 NE Wainwright	21	1605CST			0	0	5K		Hail(2.50)
<b>Callaway County</b>									
1 N Holts Summit	21	1610CST			0	0			Hail(1.75)
<b>Callaway County</b>									
Tebbetts	21	1610CST			0	0			Hail(0.88)
<b>Callaway County</b>									
Tebbetts	21	1612CST			0	0	1K		Hail(1.75)
									Hail up to 2.5 inches in diameter was reported by storm chasers from the University of Missouri and storm spotters. Numerous vehicles along Highway 94 from Tebbetts to Wainright suffered broken windows.
<b>Osage County</b>									
5 S Bonnots Mill	21	1610CST			0	0			Hail(0.75)
<b>Osage County</b>									
Loose Creek	21	1610CST			0	0			Hail(0.88)
									Stormchasers from the University of Missouri reported nickel size hail in Loose Creek. The public reported 3/4 inch hail south of Bonnotts Mill.
<b>Gasconade County</b>									
Owensville	21	1620CST			0	0			Hail(1.00)
<b>Gasconade County</b>									
Owensville	21	1625CST			0	0			Hail(0.75)
<b>Gasconade County</b>									
7 N Owensville	21	1635CST			0	0			Hail(0.75)
									Storm chasers from the University of Missouri, storm spotters and local law enforcement reported hail from 3/4 to 1 inch in diameter in and north of Owensville.
<b>Osage County</b>									
15 SW Chamois	21	1625CST			0	0			Hail(0.75)
									A storm spotter reported 3/4 inch hail at Highway 100 and Route C.
<b>Franklin County</b>									
Gerald	21	1630CST			0	0			Hail(0.75)
									Local law enforcement reported 3/4 inch hail.

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b><u>MISSOURI, East</u></b>									
<b>Crawford County</b> 4 W Cuba	21	1640CST			0	0			Hail(0.88)
<b>Crawford County</b> Cuba	21	1645CST			0	0			Hail(0.75)
									Local law enforcement reported hail up to nickel size in and west of Cuba.
<b>Osage County</b> 1 SE Linn	21	1701CST			0	0			Hail(1.75)
<b>Osage County</b> Linn	21	1705CST			0	0			Hail(1.00)
									Storm spotters reported hail up to golfball size just southeast of Linn. Local law enforcement reported 1 inch hail in Linn.
<b>Washington County</b> 2 N Potosi	21	1705CST			0	0			Hail(0.75)
<b>Washington County</b> 3 SE Richwoods	21	1705CST			0	0			Hail(0.88)
									The Sheriff Department reported 3/4 inch hail just north of Potosi. Storm spotters reported about 10 minutes of of nickel size hail southeast of Richwoods.
<b>Washington County</b> Potosi	21	1725CST			0	0			Hail(0.75)
									A storm spotter reported 3/4 inch hail in Potosi.
<b>Washington County</b> Central Portion	21 22	1725CST 0530CST			0	0			Flash Flood
									Heavy rain from several thunderstorms caused flash flooding in Washington County, mainly in the central part of the county. Some areas around Potosi reported up to 7 inches of rain. Flooding was reported on Highway F 10 miles north of Potosi. Breton Creek in Potosi flooded, closing all the road crossings over the creek. There were reports of some basements flooded, otherwise there was no major damage.
<b>Jefferson County</b> 2 NE High Ridge	21	1815CST			0	0			Hail(0.88)
									The public reported nickel size hail just northeast of High Ridge.
<b>St. Louis (C)</b> St Louis	21	1820CST			0	0			Hail(1.75)
									The City of St. Louis EMA office reported hail up to golfball size at the intersection of Goodfellow and Natural Bridge roads.
<b>St. Louis County</b> Fenton	21	1820CST			0	0			Hail(0.88)
<b>St. Louis County</b> Oakville	21	1825CST			0	0			Hail(0.75)
									Hail up to nickel size was reported in south St. Louis County. 3/4 inch hail fell for about 10 minutes in the Oakville area.
<b>Osage County</b> Westphalia	21	1855CST			0	0			Hail(1.00)
<b>Osage County</b> Westphalia	21	1905CST			0	0			Hail(0.88)
									The Sheriff Department reported hail up to 1 inch in Westphalia.
<b>Boone County</b> Columbia	21	1900CST			0	0			Hail(0.75)
									The Columbia EOC reported 3/4 inch hail in Columbia.
<b>Cole County</b> Brazito	21	1915CST			0	0			Hail(1.00)
<b>Cole County</b> 7 SW Brazito	21	1917CST			0	0			Hail(1.75)
<b>Cole County</b> Brazito	21	1920CST			0	0			Hail(1.75)

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b><u>MISSOURI, East</u></b>									
Law enforcement and fire department personnel reported hail up to golfball size in the Brazito area.									
<b>Washington County</b>									
<b>Potosi</b>	21	1915CST			0	0			Hail(1.00)
									A storm spotter reported 1 inch hail in Potosi.
<b>Boone County</b>									
<b>3 N Ashland</b>	21	2000CST			0	0			Hail(0.75)
									Federal officials reported 3/4 inch hail north of Ashland.
<b>Washington County</b>									
<b>Potosi</b>	21	2005CST			0	0			Hail(0.88)
									Local law enforcement reported nickel size hail in Potosi.
<b>Callaway County</b>									
<b>Millersburg</b>	21	2010CST			0	0			Hail(1.25)
									A storm spotter reported half dollar size hail in Millersburg.
<b>Callaway County</b>									
<b>Fulton</b>	21	2030CST 2040CST			0	0			Hail(1.00)
									A storm spotter reported hail up to 1 inch fell in Fulton for at least 10 minutes.
<b>Callaway County</b>									
<b>Fulton</b>	21	2115CST			0	0			Thunderstorm Wind (G50)
									The Sheriff Department reported power lines down in Fulton.
<b>Boone County</b>									
<b>Columbia</b>	21	2115CST 2120CST			0	0			Thunderstorm Wind (G50)
									Boone County EMA reported 2-5 inch tree limbs and power lines down near the University of Missouri campus.
<b>Cole County</b>									
<b>3 W Jefferson City</b>	21	2135CST			0	0			Hail(1.00)
<b>Cole County</b>									
<b>St Martin</b>	21	2135CST			0	0			Hail(1.00)
<b>Cole County</b>									
<b>Jefferson City</b>	21	2145CST			0	0			Hail(0.75)
<b>Cole County</b>									
<b>1 E Jefferson City</b>	21	2145CST			0	0			Hail(0.88)
									Local law enforcement reported hail up to 1 inch in St. Martin and west of Jefferson City. Hail up to nickel size was reported in Jefferson City and just east of the city.
<b>Callaway County</b>									
<b>New Bloomfield</b>	21	2152CST			0	0			Thunderstorm Wind (G50)
									Local law enforcement reported power lines down in New Bloomfield.
<b>Montgomery County</b>									
<b>New Florence</b>	21	2205CST			0	0			Hail(0.75)
									Local law enforcement reported 3/4 inch hail.

## **MISSOURI, Lower**

## **MISSOURI, Northeast**

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b><u>MISSOURI, Northwest</u></b>									
Bates County									
3 E Amoret	11	1700CST			0	0			Hail(1.00)
Bates County									
6 W Butler	11	1720CST			0	0			Hail(1.75)
Cass County									
Drexel	11	1740CST			0	0			Hail(0.75)
Platte County									
Camden Pt	11	1842CST			0	0			Hail(0.88)
MOZ020									
Buchanan									
12	12	0800CST			0	0			Flood
2000CST									
The Platte River near Agency crested at 21.58 feet, or 1.58 feet above flood stage.									
MOZ032									
Chariton									
12	12	1800CST			0	0			Flood
13	13	0800CST							
The Chariton River near Prairie Hill crested at 17.59 feet, or 2.59 feet above flood stage.									
Clinton County									
Gower	20	0755CST			0	0			Hail(0.75)
Clinton County									
Lathrop	20	0847CST			0	0			Hail(0.75)
Jackson County									
Independence	20	0901CST			0	0			Hail(0.75)
De Kalb County									
Fairport	21	0800CST			0	0			Hail(1.25)
Cooper County									
4 NW Bellair	21	1406CST			0	0			Hail(0.88)
Cooper County									
3 NNW Bellair	21	1417CST			0	0			Hail(1.00)
Cooper County									
1 NE Bunceton	21	1434CST			0	0			Hail(1.00)
Cooper County									
Prairie Home	21	1452CST			0	0			Hail(1.00)
Cooper County									
3 SW Prairie Home	21	1452CST			0	0			Hail(1.75)
Cooper County									
Otterville	21	1618CST			0	0			Hail(0.75)
Cooper County									
3 SE Boonville	21	1650CST			0	0			Hail(0.88)
Cooper County									
Pilot Grove	21	1700CST			0	0			Hail(0.88)
Bates County									
Ballard	21	1545CST			0	0			Hail(2.75)
Bates County									
3 N Ballard	21	1609CST			0	0			Hail(2.75)
Henry County									
Calhoun	21	1610CST			0	0			Hail(1.00)
Henry County									
Urich	21	1611CST			0	0			Hail(0.88)

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b><u>MISSOURI, Northwest</u></b>									
Platte County									
Weston	21	1618CST			0	0			Hail(1.75)
Platte County									
Parkville	21	1638CST			0	0			Hail(1.75)
Platte County									
Platte City	21	1652CST			0	0			Hail(1.25)
Buchanan County									
4 SE De Kalb	21	1621CST			0	0			Hail(1.00)
Johnson County									
1 W Whiteman Afb	21	1630CST			0	0			Hail(1.50)
Pettis County									
Green Ridge	21	1637CST			0	0			Hail(1.00)
Pettis County									
Hughesville	21	1652CST			0	0			Hail(1.00)
Clay County									
Liberty	21	1658CST			0	0			Hail(1.00)
Clay County									
1 S Claycomo	21	1700CST			0	0			Hail(1.00)
Clay County									
Smithville	21	1705CST			0	0			Hail(1.00)
Clay County									
2 N Gladstone	21	1707CST			0	0			Hail(1.75)
Clay County									
Liberty	21	1714CST			0	0			Hail(1.00)
Clay County									
Liberty	21	1716CST			0	0			Hail(1.00)
Clay County									
1 SSW Excelsior Spgs	21	1726CST			0	0			Hail(1.00)
Cass County									
West Line	21	1810CST			0	0			Hail(1.00)
Cass County									
1 NW Peculiar	21	1819CST			0	0			Hail(0.88)
Cass County									
2 NE Freeman	21	1835CST			0	0			Hail(1.00)
Cass County									
Harrisonville	21	1851CST			0	0			Hail(0.88)
Jackson County									
3 WSW Greenwood	21	1817CST			0	0			Hail(0.75)
Jackson County									
3 NE Atherton	21	1850CST 1853CST	2	50	0	0			Tornado (F0)
Tornado touched down in open country near the Missouri River. Caught on video tape by area residents. No damage reported.									
Lafayette County									
Wellington	21	1817CST			0	0			Hail(1.00)
Lafayette County									
2 SSW Lexington	21	1833CST			0	0			Hail(1.00)
Lafayette County									
5 S Higginsville	21	1857CST			0	0			Hail(0.88)

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b><u>MISSOURI, Northwest</u></b>									
Lafayette County 1 N Higginsville	21	1900CST			0	0			Hail(0.88)
Lafayette County 1 N Higginsville	21	1907CST			0	0			Hail(1.75)
MOZ023-046	Livingston - Cooper								
	22	1400CST			0	0			Flood
	23	1800CST							
The Grand River near Sumner crested at 29.36 feet, or 3.36 feet above flood stage. The Petite Saline Creek near Boonville crested at 18.35 feet, or 2.35 feet above flood stage.									

## **MISSOURI, Southeast**

MOZ111	Scott								
	11	1805CST 1845CST			0	0	15K		High Wind (G52)
A farm equipment shed was heavily damaged just north of Sikeston along Highway 61. Trees and power lines were blown down in Sikeston. Tree limbs landed on the roof of a home. An uprooted tree damaged a fence and blocked a street. The strongest winds appeared to be in the southern half of the county. At the Cape Girardeau Airport on the north end of the county, peak wind gusts were measured at 44 MPH. These winds were associated with a mesoscale area of low pressure in the wake of an area of showers.									
Scott County Oran	12	1025CST 1035CST			0	0			Funnel Cloud
A funnel cloud was observed over northwest Scott County. The funnel cloud was observed on a towercam operated by a Cape Girardeau television station. The funnel cloud was also observed by trained observers at the Cape Girardeau airport.									
Cape Girardeau County Fruitland	12	1222CST			0	0			Hail(0.75)
Cape Girardeau County 7 W Cape Girardeau to 2 S Jackson	12	1235CST 1310CST			0	0			Funnel Cloud



*A funnel cloud was spawned by a severe thunderstorm over central Cape Girardeau County. This funnel cloud was photographed near Jackson by meteorologist Nick Palisch.*

The funnel cloud was captured by a Cape Girardeau television station's towercam, and the video was broadcast live for over five minutes. The funnel cloud associated with the nearly stationary thunderstorm was visible from time to time for over half an hour.

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b><u>MISSOURI, Southeast</u></b>									
<b>Scott County</b>									
5 NW Lusk	12	1305CST			0	0			Hail(0.75)
<b>Cape Girardeau County</b>									
1.5 S Fruitland	12	1312CST			0	0			Hail(1.75)
The sheriff department reported golf-ball size hail on Interstate 55 at exit 105. Many locations in and near Fruitland reported an extended period of large hail due to the very slow movement of the storm. Hail depths were reported up to 4 inches, creating a winter-like scene and slippery road conditions. The county highway department was dispatched to clear the roads									
A severe thunderstorm remained nearly stationary over central Cape Girardeau County for 30 to 45 minutes. The result was a localized area of flash flooding and copious amounts of hail, in addition to a funnel cloud.									
<b>Cape Girardeau County</b>									
Jackson to Fruitland	12	1330CST 1630CST			0	0	50K		Flash Flood
Flash flooding of creeks and roads occurred as a result of a nearly stationary severe thunderstorm. In Jackson, Hubble Creek inundated numerous roads and most of the city park. Floodwaters swept debris onto tennis courts and overflowed a footbridge. On Main Street in the city, a vehicle became stranded in high water. The street was closed. Water was over U.S. Highway 61 between Jackson and Fruitland. A couple of intersections on Highway W were flooded. State roads 605, 603, and 601 in Fruitland were flooded. The preliminary rainfall total from the co-operative observer in Jackson was 2.20 inches, most of which fell within an hour.									
<b>Ripley County</b>									
9 N Doniphan	21	1701CST			0	0			Hail(0.75)
<b>Stoddard County</b>									
Puxico	21	1812CST			0	0			Hail(0.88)
<b>Scott County</b>									
2 N Miner	21	1928CST			0	0			Hail(0.75)
<b>MOZ087</b>									
Cape Girardeau	22	1300CST 1700CST			0	0	1K		Strong Wind
Strong west winds occurred in the wake of a cold front passage. The strongest wind gust at the Cape Girardeau Airport was 45 MPH.									
<b>Bollinger County</b>									
4 S Marble Hill	29	0025CST			0	0			Hail(0.88)
Nickel-size hail was reported on Highway 51.									
<b>Stoddard County</b>									
Bell City	29	0045CST			0	0			Hail(0.88)
<b>Scott County</b>									
Oran	29	0100CST			0	0			Hail(0.88)
A severe thunderstorm moved east northeast across northern Stoddard into western Scott County, producing nickel-size hail.									
<b><u>MISSOURI, Southwest</u></b>									
<b>Newton County</b>									
Hornet	05	1910CST			0	0			Hail(0.75)
<b>Jasper County</b>									
Joplin	05	1914CST			0	0			Hail(0.75)
<b>Jasper County</b>									
Joplin	05	1930CST			0	0			Hail(0.88)
<b>Vernon County</b>									
Deerfield	05	2000CST			0	0			Hail(0.75)
<b>Barry County</b>									
Cassville	05	2035CST			0	0	15K	0	Thunderstorm Wind (G65)
Severe thunderstorm wind gusts damaged a farm store. Most of the damage occurred to the store building, however, a stock tank was blown about one quarter of a mile from where it was stored.									

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
<b><u>MISSOURI, Southwest</u></b>									
<b>Christian County</b>									
2 SW Nixa	05	2143CST			0	0			Thunderstorm Wind (G60)
									Severe thunderstorm wind gusts downed a few trees near the city of Nixa.
<b>Christian County</b>									
Nixa	05	2145CST			0	0	5K	0	Thunderstorm Wind (G65)
									Downburst winds downed trees and caused roof and window damage to a home in Nixa.
<b>Polk County</b>									
2 E Pleasant Hope	06	1953CST 2100CST			0	0			Flash Flood
									Strong thunderstorms caused flash flooding to occur over a low water crossing on Highway 215.
<b>Douglas County</b>									
Ava	11	1425CST 1600CST			0	0			Flash Flood
									Sections of Highways FF and Y were impassable due to flash flooding.
<b>Jasper County</b>									
Webb City	11	1525CST			0	0			Hail(0.75)
<b>Jasper County</b>									
Carl Jct	11	1535CST			0	0			Hail(0.75)
<b>Jasper County</b>									
Carthage	11	1543CST			0	0			Hail(0.75)
<b>Camden County</b>									
Linn Creek	11	1604CST 1800CST			0	0			Flash Flood
									Heavy thunderstorms caused flash flooding over low water crossings near the community of Linn Creek.
<b>Vernon County</b>									
1 W Deerfield	11	1630CST			0	0			Hail(0.88)
<b>Jasper County</b>									
2 NE Avilla	11	1746CST			0	0			Hail(0.88)
<b>Lawrence County</b>									
Pierce City	11	1751CST			0	0			Hail(0.75)
<b>Barry County</b>									
Monett	11	1800CST			0	0			Hail(1.00)
<b>Wright County</b>									
Grovespring	11	1800CST 2100CST			0	0			Flash Flood
									Flash flooding occurred over low water crossings near the community of Grovespring.
<b>Ozark County</b>									
1 S Noble	11	1830CST 2100CST			0	0			Flash Flood
									Numerous low water crossings experienced flash flooding south of Noble.
<b>Wright County</b>									
Hartville	11	1855CST 2100CST			0	0			Flash Flood
									Heavy thunderstorms caused the Woods Fork Tributary of the Gasconade river to flow out of its banks in several locations.
<b>Stone County</b>									
2 S Elsey	11	1859CST			0	0			Hail(0.75)
<b>Greene County</b>									
1 E Battlefield	11	1955CST			0	0			Hail(0.75)
<b>MOZ092</b>									
	Wright								
	12	0800CST 1400CST			0	0			Flood
									A low water crossing along Highway Z over Elk Creek remained impassable for several hours after heavy rain affect the area.



# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
<b>MISSOURI, Southwest</b>									
<b>MOZ096</b>	<b>Douglas</b>								
	<b>12</b>	<b>0800CST 1200CST</b>			<b>0</b>	<b>0</b>			<b>Flood</b>
A low water crossing along Highway EE at the North Fork and White Rivers remained flooded for several hours after a flash flood event.									
<b>MOZ105</b>	<b>Ozark</b>								
	<b>12</b>	<b>0800CST 1200CST</b>			<b>0</b>	<b>0</b>			<b>Flood</b>
Several low water crossings countywide remained impassable for a few hours following a flash flood episode. Two notable crossings that were flooded include sections of Highway T at Little Creek and Possum Walk Creek, along with a section of Highway 95 at Bryant Creek.									
<b>MOZ082</b>	<b>Texas</b>								
	<b>12</b>	<b>0800CST 1200CST</b>			<b>0</b>	<b>0</b>			<b>Flood</b>
A low water crossing along Highway U west of Highway 137 was impassable for several hours following the occurrence of heavy thunderstorms.									
<b>Lawrence County</b>									
<b>3 W Halltown</b>	<b>12</b>	<b>2035CST</b>			<b>0</b>	<b>0</b>			<b>Hail(0.75)</b>
<b>Miller County</b>									
<b>Eldon</b>	<b>20</b>	<b>1325CST</b>			<b>0</b>	<b>0</b>			<b>Hail(0.88)</b>
<b>Miller County</b>									
<b>3 NE Lake Ozark</b>	<b>20</b>	<b>1340CST</b>			<b>0</b>	<b>0</b>			<b>Hail(1.00)</b>
<b>Miller County</b>									
<b>Iberia</b>	<b>20</b>	<b>1340CST</b>			<b>0</b>	<b>0</b>			<b>Hail(1.00)</b>
<b>Maries County</b>									
<b>5 S Brinktown</b>	<b>20</b>	<b>1415CST</b>			<b>0</b>	<b>0</b>			<b>Hail(0.88)</b>
<b>Pulaski County</b>									
<b>Hancock</b>	<b>20</b>	<b>1425CST</b>			<b>0</b>	<b>0</b>			<b>Hail(1.00)</b>
<b>Miller County</b>									
<b>Iberia</b>	<b>20</b>	<b>1425CST</b>			<b>0</b>	<b>0</b>			<b>Hail(0.88)</b>
<b>Maries County</b>									
<b>Hayden</b>	<b>20</b>	<b>1445CST</b>			<b>0</b>	<b>0</b>			<b>Hail(1.00)</b>
<b>Pulaski County</b>									
<b>Dixon</b>	<b>20</b>	<b>1510CST</b>			<b>0</b>	<b>0</b>			<b>Hail(1.00)</b>
<b>Pulaski County</b>									
<b>Dixon</b>	<b>20</b>	<b>1528CST</b>			<b>0</b>	<b>0</b>			<b>Hail(0.88)</b>
<b>Pulaski County</b>									
<b>Ft Leonard Wood</b>	<b>20</b>	<b>1545CST</b>			<b>0</b>	<b>0</b>			<b>Hail(0.88)</b>
<b>Pulaski County</b>									
<b>Waynesville</b>	<b>20</b>	<b>1545CST 1730CST</b>			<b>0</b>	<b>0</b>			<b>Flash Flood</b>
Numerous roads and low lying areas were inundated with flash flooding. Several areas were impassable to motorists									
<b>Pulaski County</b>									
<b>1 E Gospel Ridge</b>	<b>20</b>	<b>1545CST</b>			<b>0</b>	<b>0</b>			<b>Hail(1.00)</b>
<b>Pulaski County</b>									
<b>Ft Leonard Wood</b>	<b>20</b>	<b>1555CST</b>			<b>0</b>	<b>0</b>			<b>Hail(1.00)</b>
<b>Phelps County</b>									
<b>Edgar Spgs</b>	<b>20</b>	<b>1625CST</b>			<b>0</b>	<b>0</b>			<b>Hail(1.00)</b>
<b>Pulaski County</b>									
<b>Ft Leonard Wood</b>	<b>20</b>	<b>1650CST</b>			<b>0</b>	<b>0</b>			<b>Hail(1.50)</b>

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b><u>MISSOURI, Southwest</u></b>									
<b>Phelps County</b>									
<b>Duke</b>	20	1659CST			0	0			<b>Hail(1.75)</b>
<b>Texas County</b>									
<b>Licking</b>	20	1720CST			0	0			<b>Hail(1.00)</b>
<b>Miller County</b>									
<b>3 SE Iberia</b>	20	1730CST 2000CST			0	0			<b>Flash Flood</b>
Several bridges and low water crossings along the Tavern Creek and Little Tavern Creek in far southeast Miller County were impassable from flash flooding.									
<b>Maries County</b>									
<b>8 S Brinktown</b>	20	1730CST 2000CST			0	0			<b>Flash Flood</b>
Several low water crossings in far southwest Maries County became impassable after heavy thunderstorms affected the area. A section of County Road 628 near Highway BB had several inches of water flowing over the roadway.									
<b>Texas County</b>									
<b>Licking</b>	20	1730CST			0	0			<b>Hail(1.00)</b>
<b>Shannon County</b>									
<b>15 W Eminence</b>	20	1825CST			0	0			<b>Hail(1.00)</b>
<b>Texas County</b>									
<b>Summersville</b>	20	1825CST			0	0			<b>Hail(1.00)</b>
<b>Texas County</b>									
<b>2 E Summersville</b>	20	1910CST			0	0			<b>Hail(1.00)</b>
<b>Shannon County</b>									
<b>Birch Tree</b>	20	1915CST			0	0			<b>Hail(0.88)</b>
<b>Shannon County</b>									
<b>Birch Tree</b>	20	1915CST			0	0			<b>Hail(0.88)</b>
<b>Dent County</b>									
<b>2 N Turtle</b>	21	0205CST			0	0			<b>Hail(1.00)</b>
<b>Dent County</b>									
<b>Sligo</b>	21	0421CST 0600CST			0	0			<b>Flash Flood</b>
Heavy thunderstorms caused flash flooding over a section of Highway TT near the community of Sligo.									
<b>Jasper County</b>									
<b>Jasper</b>	21	1332CST			0	0			<b>Hail(1.00)</b>
<b>Newton County</b>									
<b>3 S Neosho</b>	21	1333CST			0	0			<b>Hail(0.75)</b>
<b>Newton County</b>									
<b>5 SW Neosho</b>	21	1334CST			0	0			<b>Hail(0.75)</b>
<b>Newton County</b>									
<b>Neosho</b>	21	1355CST			0	0			<b>Hail(0.75)</b>
<b>Taney County</b>									
<b>Taneyville</b>	21	1420CST			0	0			<b>Hail(0.75)</b>
<b>Taney County</b>									
<b>Protem</b>	21	1510CST			0	0			<b>Hail(0.88)</b>
<b>Douglas County</b>									
<b>7 S Ava</b>	21	1528CST			0	0			<b>Hail(1.00)</b>
<b>Douglas County</b>									
<b>5 S Ava</b>	21	1530CST			0	0			<b>Hail(1.00)</b>
<b>Douglas County</b>									
<b>7 S Ava</b>	21	1535CST			0	0			<b>Hail(0.88)</b>

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## MISSOURI, Southwest

Douglas County									
Ava	21	1543CST			0	0			Hail(1.00)
Pulaski County									
Ft Leonard Wood	21	1545CST			0	0			Hail(0.75)
Douglas County									
2 S Ava	21	1545CST			0	0			Hail(1.00)
Wright County									
Mansfield	21	1607CST			0	0			Hail(1.00)
Texas County									
Bendavis	21	1745CST			0	0			Hail(1.00)
Maries County									
12 N Vienna	21	1750CST			0	0			Hail(1.00)
Maries County									
7 S (Vih)Rolla/Vichy Arq	21	1758CST			0	0			Hail(1.25)
Barton County									
1 W Mindenmines	21	1848CST			0	0			Hail(0.75)
Jasper County									
2 S Asbury	21	1857CST			0	0			Hail(0.88)
Jasper County									
4 S Jasper	21	1945CST			0	0			Thunderstorm Wind (G55)
Several trees were downed from severe thunderstorm wind gusts along Highway 71 south of Jasper.									
Dallas County									
Louisburg	21	2036CST			0	0			Hail(0.75)
Jasper County									
4 N Carthage	22	0817CST			0	0			Thunderstorm Wind (G55)
Severe thunderstorm wind gusts downed several trees across rural central Jasper County.									
Stone County									
Lampe	28	0515CST			0	0			Hail(0.75)
Mcdonald County									
Anderson	28	0640CST			0	0			Hail(0.75)
Barry County									
Ridgley	28	0700CST			0	0			Hail(0.75)

## MONTANA, Central

MTZ009	North Rocky Mountain Front								
01	1024MST				0	0			High Wind (G60)
A high wind event occurred during the morning hours of the 1st. Reported wind speeds include a gust to 69 mph at the Two Medicine Department of Transportation site.									
MTZ050>051	Judith Basin - Fergus								
09	1403MST 1439MST				0	0			Winter Storm
An early spring storm brought winter conditions to Fergus and Judith Basin counties during daylight hours on the 9th. Reported snow fall amounts include: 10 inches at Havre 23S; 6 inches at Hobson 6ESE and 4 inches at Lewistown 8E. In addition to the heavy snow, strong winds created areas of blowing snow that reduced visibilities to less than 100 yards at times. The heavy wet snow and high winds were responsible for the downing of 141 power poles in Blaine county resulting in the interruption of power to nearly 400 homes. Additionally, an estimated 170 trees were either blown over or had their tops broken off at the Montana Gulch Campground located in the Little Rocky Mountains.									
MTZ009-048	North Rocky Mountain Front - Southern Rocky Mountain Front								
14	0800MST				0	0			Winter Storm
A strong Pacific weather system brought brought heavy snows to the Rocky Mountain Front on the 14th. Reported snow fall									

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## MONTANA, Central

amounts include: 8 inches at Rogers Pass; 6 inches at Marias Pass and 4 inches at Great Falls.

**MTZ012-015-050>055**

**Cascade - Madison - Judith Basin - Fergus - Jefferson - Broadwater - Meagher - Gallatin**

**18 1400MST**  
**19 0500MST**

**0 0**

**Winter Storm**

A powerful spring storm brought heavy snow to a wide area of Southwest Montana from the 18th through the afternoon of the 19th. Reported snow fall amounts include: 18 inches at Lewistown 11SSE; 16 inches at Lewistown 22S; 12 inches at Clancy 3W, 12 inches at Crstal Lake, 12 inches at Rogers Pass; 11 inches at Bozeman; 10 inches at Lewistown 10S, 10 inches at Half Moon Pass; 9 inches at Big Sky 2WNW, 9 inches at Lima, 9 inches at Montana State University (Bozeman) and 4 inches at Lewistown, Utica 11SW and Hobson 16SW.

**MTZ014>015-052-054>055 Southern Lewis And Clark - Madison - Jefferson - Meagher - Gallatin**

**27 0600MST**  
**1020MST**

**0 0**

**Winter Storm**

A vigorous spring storm brought heavy snow to elevations above 6000 feet in Southwest Montana. Reported snow fall amounts include: 7 inches at Norris 14W, 7 inches at Jefferson City 9W, 7 inches at White Sulphur Springs 40N, 7 inches at Bozeman 13NE; 6 inches at Rimini, 6 inches at Augusta 20W; 5 inches at Clancy 10SE, 5 inches at Jefferson City 9W and 5 inches at Belgrade 14NE.

## MONTANA, East

**MTZ025>026-060**

**Dawson - Prairie - Little Rocky Mountains**

**09 0600MST**  
**10 1000MST**

**0 0**

**100K**

**Blizzard**

A strong and nearly stationary area of low pressure across extreme northeast Montana produced blizzard conditions in the Little Rockies and Big Sheep mountains, where up to 2 feet of wet snow was reported across the higher elevations. The snow was accompanied by wind gusts in excess of 70 mph which produced considerable blowing and drifting snow. Snow drifts of up to 6 feet were reported in the town of Zortman, and the power was out in town for about 24 hours. Many calves were lost in the Little Rockies, and 100 year old trees were blown down due to the high wind.

**MTZ016>017-021>023-026-059>061**

**Central And Se Phillips - Central And Southern Valley - Petroleum - Garfield - McCone - Prairie - Northern Phillips - Little Rocky Mountains - Northern Valley**

**09 1345MST**  
**10 1000MST**

**0 0**

**746K**

**High Wind (G74)**

A strong area of low pressure across the extreme northeast corner of Montana produced a period of strong wind along the backside of the low. Sustained winds of 40 to 50 mph were common with wind gusts as high as 85 mph at the Zortman Mine Raws site. A total of 348 power poles were snapped by a combination of wet snow and sleet that stuck to the poles and the strong wind across Phillips, McCone, Garfield, and Prairie Counties. One of the harder hit area was in the Little Rockies where shingles blew off of several houses in the town of Zortman. The Gulch Campground in the Little Rockies was severely impacted by the storm as an estimated 170 trees of varying sizes were either totally blown over or the tops broken off. Other areas that were particularly hard hit included Brockway and Brusett where many power poles snapped. Although the power was restored to most areas within a couple of days, a few spots remained without power for nearly a week. The lack of electricity made calving operations difficult for many ranchers. A few of the higher wind gusts included:

Zortman Mine Raws Site (Phillips county): 85 mph  
King Coulee Raws Site (Valley county): 72 mph  
Bluff Creek Raws Site (Valley county): 62 mph

**MTZ016>020-022>025-059-061>062**

**Central And Se Phillips - Central And Southern Valley - Daniels - Sheridan - Western Roosevelt - Garfield - McCone - Richland - Dawson - Northern Phillips - Northern Valley - Eastern Roosevelt**

**14 1325MST**  
**1940MST**

**0 0**

**High Wind (G64)**

An intense area of low pressure tracked from central Montana into southern Saskatchewan sending a strong cold front across northeast Montana. Strong gradient winds in the wake of a cold front produced a period of strong wind across much of northeast Montana during the afternoon and early evening hours. The strong winds uprooted a large tree in Plentywood, and caused a slide in camper to flip over just outside of Wolf Point. Sustained winds of 40 to 49 mph were common with wind gusts of 58 to 74 mph. A few of the more impressive wind gusts included:

Bluff Creek Raws Site (Valley County): 74 mph  
Whitewater (Phillips County): 67 mph  
Malta (Phillips County): 65 mph  
King Coulee Raws Site (Valley County): 64 mph

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## MONTANA, South

MTZ029-066

Musselshell - Beartooth Foothills

09 0400MST  
1514MST

0 0

Heavy Snow

9 inches 5W Red Lodge (Cole Creek Snotel 12-hour total); 10 inches 10S Roundup

MTZ028-034>035-038-  
041-056-063

Southern Wheatland - Northern Stillwater - Yellowstone - Southern Big Horn - Northern Sweet Grass - Red Lodge Foothills - Judith Gap

20 0500MST  
21 1546MST

0 0

Heavy Snow

A very moist spring storm system brought abundant precipitation to South Central Montana. This came both in the form of rain and snow. The heaviest amounts of snowfall occurred from the Judith Gap area to the Beartooth Mountains. Between April 18th and the 21st...liquid precipitation was over two inches in most areas of South Central Montana. A few areas...particularly around Billings received over 3 inches of liquid precipitation. The Billings airport during this period received 2.60 inches of liquid precipitation from 19.8 inches of snowfall. The following is a list of the snowfall reports from this storm:

5 inches in Red Lodge; 11 inches in Billings (7 inches of wet, heavy snow fell between 6am and noon. This also set a daily precipitation record with 0.55 inches of liquid); 8 inches in Rapelje; 14 inches 14E Melville; 8 inches 4S Rapelje; 7 inches in Judith Gap; 8 inches 7S Absarokee; 6 inches in Molt, Pryor, and 10S Twodot

MTZ056-066

Red Lodge Foothills - Beartooth Foothills

27 0950MST  
2000MST

0 0

Heavy Snow

8 inches 6S Roscoe; 6 inches 7S McLeod; 8 inches in Red Lodge

MTZ056

Red Lodge Foothills

28 0100MST

0 0

Heavy Snow

24 inches 5W Red Lodge (Cole Creek Snotel 24-hour total)

## MONTANA, West

MTZ002-007-043

West Glacier Region - Butte / Pintlar Region - Blackfoot Region

13 2100MST  
14 1045MST

0 0

Heavy Snow

Late season winter storm averaged 6 to 10 inches of snow across portions of Western Montana. The heaviest snowfall was recorded near Helmsville with 14 inches and over the higher elevations of Glacier National Park, where up to two feet of new snow fell.

MTZ007

Butte / Pintlar Region

18 0300MST  
0900MST

0 0

Winter Storm

Late season winter storm brought 6 to 13 inches of snow to the Butte/Pintlar region, as well as north winds at 15 to 25 mph.

## NEBRASKA, Central

Custer County

2 E Callaway

09 1930CST

0 0

Hail(0.88)

Custer County

5 NW Merna

09 2000CST

0 0

Hail(1.00)

Perkins County

2 S Venango

09 2000MST

0 0

Hail(0.75)

Blaine County

14 SSE Brewster

09 2040CST

0 0

Hail(0.75)

Blaine County

6 N Dunning

10 0000CST

0 0

1K

Hail(1.25)

Logan County

5 W Stapleton

10 0000CST

0 0

Hail(0.75)

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b><u>NEBRASKA, Central</u></b>									
<b>Brown County</b>									
22 S Johnstown	10	0030CST			0	0			Hail(1.00)
<b>Perkins County</b>									
1.5 S Grant	10	1335MST			0	0	2K		Lightning
Lightning struck a farm house and damaged the phone lines as well as electrical wiring to the well pump.									
<b>Frontier County</b>									
21 WSW Stockville	10	1459CST			0	0			Hail(0.75)
<b>Hayes County</b>									
12 E Hayes Center	10	1500CST			0	0			Hail(0.75)
<b>Hooker County</b>									
25 SW Mullen	15	0607MST			0	0			Hail(1.00)
<b>Thomas County</b>									
7 S Seneca	15	0801CST			0	0			Hail(1.00)
<b>Thomas County</b>									
5 SSE Seneca to 7 E Seneca	15	0813CST 0815CST			0	0			Hail(1.00)
<b>Sheridan County</b>									
19 N Rushville	18	1825MST			0	0			Hail(0.88)
<b>Garden County</b>									
30 N Lewellen	19	1445MST			0	0			Hail(0.88)
<b>Garden County</b>									
37 N Oshkosh	19	1642MST			0	0	1K		Hail(1.75)
<b>Cherry County</b>									
58 SSW Merriman	19	1652MST			0	0	2K		Hail(2.50)
<b>Grant County</b>									
23 SW Hyannis	19	1724MST			0	0			Hail(1.00)
<b>Garden County</b>									
32 NNE Lewellen	19	1726MST			0	0			Hail(1.00)
<b>Garden County</b>									
41 NNE Lewellen	19	1740MST			0	0			Hail(0.75)
Hail covered the ground.									
<b>Grant County</b>									
19 SW Hyannis	19	1746MST			0	0			Hail(0.88)
<b>Cherry County</b>									
59 S Merriman	19	1801MST			0	0	1K		Hail(1.25)
Hail covered the ground.									
<b>Arthur County</b>									
10 NW Arthur	19	1809MST			0	0	5K		Hail(2.75)
Golfball to baseball size hail covered the ground and broke out windows in a house.									
<b>Cherry County</b>									
43 SSW Cody	19	1830CST 1833CST	0.3	20	0	0			Tornado (F0)
The tornado touched down in open rangeland.									
<b>Hooker County</b>									
9 WSW Mullen	19	1928MST			0	0			Hail(0.88)
<b>Hooker County</b>									
Mullen	19	1939MST			0	0			Hail(0.88)
<b>Hooker County</b>									
11 SE Mullen	19	2025MST			0	0			Hail(0.75)

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
<b><u>NEBRASKA, Central</u></b>							
Wheeler County Bartlett	19	2030CST			0 0	1K	Hail(1.75)
Thomas County Seneca	19	2053CST			0 0		Hail(0.75)
Lincoln County 10 NNE North Platte	19	2230CST			0 0		Hail(1.00)
Lincoln County 4 N North Platte	19	2238CST			0 0		Hail(1.00)
Wheeler County Southeast Portion	19 20	2300CST 0200CST			0 0	3K	Flash Flood
Over 3 inches of rain fell across southeast Wheeler County as storms moved slowly over the area producing rapid runoff. Accumulated runoff caused water to flow across Highway 281 south of Bartlett. A few county roads southeast of Bartlett were also partially washed away due to water flowing over them.							
Chase County 3 W Champion	20	2214MST			0 0	1K	Hail(1.75)
Perkins County 1 S Grainton	20	2335MST			0 0		Hail(0.75)
Lincoln County 2 E Wallace	21	0055CST			0 0		Hail(0.88)
Lincoln County North Platte to North Platte Arpt	21	0205CST 0220CST			0 0	65K	Hail(1.50)
Nickel to ping pong size hail fell in North Platte and eastward 2 miles to the NWS office. The hail did minor damage to siding and roofs on homes and businesses, broke windows in a few vehicles, and did body damage to numerous vehicles at car dealerships on the east and south sides of North Platte.							
Wheeler County 8 E Ericson	21	1350CST 1400CST			0 0		Hail(0.88)
<b><u>NEBRASKA, East</u></b>							
Cedar County Hartington	05	2218CST			0 0		Hail(0.75)
Knox County 5 S Verdel	10	0020CST			0 0		Hail(0.75)
Knox County Verdigre	10	0035CST			0 0		Hail(0.88)
Seward County 6 N Utica to 9 N Utica	10	1520CST			0 0		Thunderstorm Wind (G50)
Thunderstorm wind gusts that were estimated at 60 mph downed some 3 to 4 inch tree limbs north of Utica.							
Butler County Linwood	10	1535CST			0 0		Thunderstorm Wind (G50)
Thunderstorm wind gusts were estimated at 60 mph by a trained weather spotter.							
Colfax County 1 N Schuyler	10	1620CST			0 0		Hail(0.75)
Dodge County 10 N North Bend	10	1643CST			0 0		Thunderstorm Wind (G50)
Thunderstorm wind gusts were estimated at 60 mph by a trained weather spotter.							
Cuming County 3 SE West Pt	10	1706CST			0 0		Hail(0.75)

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
<b><u>NEBRASKA, East</u></b>									
<b>Cuming County</b>									
West Pt	10	1710CST			0	0			<b>Thunderstorm Wind (G50)</b>
									Thunderstorm wind gusts estimated at 60 mph blew down a few trees and caused isolated power outages in town.
<b>Lancaster County</b>									
1 NW Lincoln	11	1245CST			0	0			<b>Hail(0.88)</b>
<b>Lancaster County</b>									
2 W Lincoln	11	1300CST			0	0			<b>Hail(1.00)</b>
<b>Jefferson County</b>									
3 W Plymouth	11	1308CST			0	0			<b>Hail(0.88)</b>
									Dime to nickel size hail covered Highway 4 near town.
<b>Saline County</b>									
Crete	11	1323CST			0	0			<b>Hail(0.88)</b>
									Dime to nickel size hail on the northwest side of town.
<b>Lancaster County</b>									
1 N Raymond	11	1348CST			0	0			<b>Hail(1.00)</b>
<b>Lancaster County</b>									
2 NW Denton	11	1350CST			0	0			<b>Hail(1.75)</b>
<b>Seward County</b>									
5 S Pleasant Dale	11	1352CST			0	0			<b>Hail(0.88)</b>
<b>Saline County</b>									
3 N Crete	11	1354CST			0	0			<b>Hail(0.88)</b>
<b>Saline County</b>									
3 NNE Crete	11	1405CST			0	0			<b>Hail(1.00)</b>
<b>Seward County</b>									
Pleasant Dale	11	1412CST			0	0			<b>Hail(0.75)</b>
<b>Seward County</b>									
5 S Pleasant Dale	11	1417CST			0	0			<b>Hail(1.25)</b>
									Hail up to 1.25 inches in diameter covered Highway 103 south of town.
<b>Lancaster County</b>									
Emerald	11	1427CST			0	0			<b>Hail(0.75)</b>
<b>Saunders County</b>									
3 SW Weston	11	1440CST			0	0			<b>Hail(0.88)</b>
									Dime to nickel size hail was reported south to southwest of Weston.
<b>Douglas County</b>									
Omaha	11	1457CST			0	0			<b>Hail(0.75)</b>
									Near Harney and I480.
<b>Otoe County</b>									
3 E Syracuse	11	1505CST			0	0			<b>Hail(0.88)</b>
<b>Douglas County</b>									
Omaha	11	1508CST			0	0			<b>Hail(0.88)</b>
									Near Cuming and 43rd Streets.
<b>Sarpy County</b>									
Papillion	11	1511CST			0	0			<b>Hail(0.75)</b>
<b>Otoe County</b>									
2 W Dunbar	11	1515CST			0	0			<b>Hail(0.88)</b>
<b>Douglas County</b>									
Omaha	11	1521CST			0	0			<b>Hail(0.75)</b>
									Near 72nd and State Streets.



# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b><u>NEBRASKA, East</u></b>									
<b>Gage County</b>									
2 W Odell to Odell	11	1526CST 1533CST			0	0			Hail(1.50)
			Hail up to 1.5 inches in diameter fell in and just west of Odell.						
<b>Jefferson County</b>									
5 E Steele City	11	1530CST			0	0			Hail(0.75)
<b>Sarpy County</b>									
Papillion	11	1535CST			0	0			Hail(0.88)
<b>Gage County</b>									
1 E Wymore	11	1538CST			0	0			Hail(0.88)
<b>Douglas County</b>									
Omaha	11	1545CST			0	0			Hail(0.75)
			Near 90th and Fort Streets.						
<b>Gage County</b>									
3 W Odell	11	1547CST			0	0			Hail(1.00)
			The hail covered Highway 8 and the resultant slick roads caused a few accidents.						
<b>Cass County</b>									
1 W Weeping Water	11	1550CST			0	0			Hail(0.75)
<b>Saunders County</b>									
Colon	18	1610CST			0	0			Hail(0.75)
<b>Saunders County</b>									
8 ENE Cedar Bluffs	18	1624CST			0	0			Hail(1.00)
<b>Butler County</b>									
2 W Rising City	18	1634CST			0	0			Hail(0.88)
<b>Dodge County</b>									
Fremont	18	1637CST			0	0			Hail(0.75)
<b>Dodge County</b>									
1 E Nickerson	18	1644CST			0	0			Hail(0.75)
<b>Seward County</b>									
2 N Utica	18	1751CST			0	0			Hail(1.75)
<b>Seward County</b>									
5 NW Staplehurst	18	1802CST			0	0			Hail(0.75)
<b>Saunders County</b>									
10 WSW Wahoo	18	1903CST			0	0			Hail(0.75)
<b>Saline County</b>									
1 SW Tobias	18	1904CST			0	0			Hail(1.50)
<b>Saunders County</b>									
Valparaiso	18	1919CST			0	0			Hail(0.88)
<b>Saunders County</b>									
Ceresco	18	1933CST			0	0			Hail(0.75)
<b>Saunders County</b>									
2 SW Weston to Weston	18	1933CST 1939CST			0	0			Hail(0.88)
			Hail up to nickel size was reported in and just southwest of Weston.						
<b>Saline County</b>									
1 SW Tobias	18	1936CST			0	0			Hail(0.88)
<b>Saline County</b>									
Western	18	1947CST			0	0			Hail(1.75)

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b><u>NEBRASKA, East</u></b>									
Saline County									
1 E Tobias	18	1947CST			0	0			Hail(1.75)
Saline County									
5 SW Wilber	18	2001CST			0	0			Hail(1.00)
Saline County									
1 N Swanton	18	2004CST			0	0			Hail(1.00)
Saunders County									
Wahoo	18	2004CST			0	0			Hail(0.75)
Jefferson County									
2 W Daykin	18	2014CST			0	0			Hail(1.75)
Saline County									
1 SW Tobias	18	2046CST			0	0			Hail(0.88)
Gage County									
6 W Beatrice	18	2115CST			0	0			Thunderstorm Wind (G55)
Law enforcement estimated thunderstorm winds gusted over 60 mph west of Beatrice. The winds caused some tree damage near town.									
Gage County									
6 W Beatrice	18	2115CST			0	0			Hail(1.00)
One inch hail was reported along with thunderstorm wind gusts estimated at over 60 mph.									
Washington County									
3 NE Kennard	18	2200CST			0	0			Hail(0.75)
Gage County									
2 W Wymore to Wymore	18	2206CST 2213CST			0	0			Hail(1.00)
Hail up to 1 inch in diameter was reported in Wymore and just west of town.									
Lancaster County									
3 N Malcolm	18	2255CST			0	0			Hail(0.88)
Saline County									
Countywide	19	0000CST 0230CST			0	0			Flash Flood
Minor lowland flooding was reported along small creeks and county roads due to rainfall of 2 to 4 inches that fell across the county.									
Cass County									
Plattsmouth	19	0315CST			0	0			Hail(0.75)
Colfax County									
2 E Clarkson	19	1900CST			0	0			Hail(1.25)
Hail up to 1.25 inches in diameter covered the ground near Clarkson.									
Stanton County									
15 SSE Stanton	19	1915CST			0	0			Hail(0.88)
Antelope County									
6 W Elgin	19	2045CST			0	0			Hail(1.00)
Antelope County									
5 W Elgin	19	2209CST			0	0			Hail(1.75)
Antelope County									
Elgin	19	2232CST			0	0			Hail(0.88)
Antelope County									
8 W Elgin to Elgin	19	2241CST			0	0			Hail(1.75)
Golfball size hail was reported from Elgin to 8 miles west of town.									
Boone County									
6 N Albion	19	2250CST			0	0			Hail(0.75)

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b><u>NEBRASKA, East</u></b>									
Antelope County 7 SSE Oakdale	19	2310CST			0	0			Hail(0.75)
Antelope County 7 W Elgin	19 20	2314CST 0130CST			0	0			Flash Flood
Heavy rainfall from thunderstorms that persisted over Antelope county for several hours caused flash flooding west of Elgin where water was reported over highway 70 as high as the hood of a car. There were unofficial reports that 6 to 8 inches of rain fell 6 to 10 miles west of Elgin. The highway was closed for several hours as flood waters rushed over it. As the flood waters receded, a significant amount of standing water persisted for a few days around the Elgin area.									
Madison County Meadow Grove	19	2342CST			0	0			Hail(0.88)
Boone County 2 N Albion	20	0005CST			0	0			Hail(1.75)
Pierce County Hadar	20	0020CST			0	0			Hail(0.75)
Lancaster County 2 NW Raymond	20	0255CST			0	0			Hail(1.00)
Sarpy County 1 N La Platte	20	0445CST			0	0			Hail(1.25)
Boone County 10 S Albion	21	1315CST			0	0			Hail(1.00)
Boone County 10 S Albion	21	1358CST 1530CST			0	0			Flash Flood
Heavy rain fell on saturated ground and caused flash flooding across a few county roads south of Albion.									
Boone County 4 W St Edward	21	1405CST			0	0			Hail(1.00)
Boone County 3 S Albion	21	1410CST			0	0			Hail(1.75)
Gage County 3 S Adams	21	1426CST			0	0			Hail(1.50)
Saline County Western	21	1430CST			0	0			Hail(0.75)
Saline County Swanton	21	1432CST			0	0			Hail(0.88)
Gage County Adams	21	1437CST			0	0			Hail(0.88)
Pawnee County 4 N Table Rock	21	1450CST			0	0			Hail(1.00)
Johnson County Sterling	21	1457CST 1500CST			0	0			Hail(1.50)
Hail up to 1.5 inches in diameter fell for several minutes in the Sterling area.									
Nemaha County 2 W Johnson	21	1505CST			0	0			Hail(0.88)
Johnson County 4 W Cook	21	1513CST			0	0			Hail(1.75)
Nemaha County 11 W Auburn	21	1513CST			0	0			Hail(0.88)

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b><u>NEBRASKA, East</u></b>									
Johnson County 5 NE Sterling	21	1513CST			0	0			Hail(1.50)
Otoe County 6 S Syracuse	21	1519CST			0	0			Hail(0.75)
Gage County Cortland	21	1520CST			0	0			Hail(0.88)
Johnson County 5 SW Cook	21	1528CST			0	0			Hail(1.00)
Otoe County 5 E Syracuse	21	1528CST			0	0			Hail(0.75)
Cass County Eagle	21	1538CST			0	0			Hail(1.00)
Johnson County 2 W Cook	21	1542CST			0	0			Hail(1.25)
Lancaster County 2 NE Waverly	21	1544CST			0	0			Hail(0.88)
Gage County Adams	21	1546CST			0	0			Hail(0.75)
Lancaster County 1 E Lincoln to 1 NE Lincoln	21	1548CST 1553CST			0	0			Hail(0.88)
Hail up to nickel size was reported just east and northeast of Lincoln.									
Johnson County Cook	21	1553CST			0	0			Hail(1.00)
Saunders County 3 W Ashland	21	1557CST			0	0			Hail(0.75)
Otoe County Syracuse	21	1559CST			0	0			Hail(1.00)
Quarter size hail filled ditches 6 inches deep in town.									
Cass County 2 SE Elmwood	21	1559CST			0	0			Hail(1.00)
Johnson County Cook	21	1601CST			0	0			Hail(1.00)
Otoe County 5 SW Nebraska City	21	1603CST			0	0			Hail(1.00)
Otoe County 1 W Talmage	21	1611CST			0	0			Hail(1.00)
Cass County 1 SW Weeping Water	21	1615CST			0	0			Hail(0.75)
Otoe County 5 E Syracuse	21	1615CST			0	0			Hail(0.75)
Otoe County 4 S Nebraska City to Nebraska City	21	1616CST 1639CST			0	0			Hail(1.50)
Hail up to walnut size caused damage to vehicles and trees in Nebraska City and several miles west through south of town. The hail was accompanied by heavy rain that caused some street flooding in town.									
Otoe County Nebraska City	21	1645CST 1745CST			0	0			Flash Flood
Heavy rain that fell in less than 1 hour caused extensive street flooding in Nebraska City.									

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## NEBRASKA, East

### Otoe County

<b>Lorton</b>	<b>21</b>	<b>1721CST</b>			<b>0</b>	<b>0</b>			<b>Hail(1.50)</b>
---------------	-----------	----------------	--	--	----------	----------	--	--	-------------------

Hail up to 1.5 inches in diameter caused some tree and vehicle damage in Lorton. The hail piled up a foot deep in spots and snowplows were used to clear some roads in the area.

### Otoe County

<b>Countywide</b>	<b>21</b>	<b>1730CST 1900CST</b>			<b>0</b>	<b>0</b>			<b>Flash Flood</b>
-------------------	-----------	----------------------------	--	--	----------	----------	--	--	--------------------

Rainfall of around 2 inches and significant amounts of hail fell at the same time across parts of the county. The hail clogged several culverts which resulted in rural flooding over several county roads near tributaries of the Little Nemaha River.

## NEBRASKA, Extreme Northeast

### Dakota County

<b>Jackson</b>	<b>19</b>	<b>2158CST 2202CST</b>			<b>0</b>	<b>0</b>			<b>Hail(0.75)</b>
----------------	-----------	----------------------------	--	--	----------	----------	--	--	-------------------

### Dakota County

<b>South Sioux City</b>	<b>20</b>	<b>0500CST 0630CST</b>			<b>0</b>	<b>0</b>			<b>Flash Flood</b>
-------------------------	-----------	----------------------------	--	--	----------	----------	--	--	--------------------

Runoff from heavy rain caused street flooding, including water covering a large part of Dakota Avenue.

## NEBRASKA, Extreme Southwest

### NEZ079>080

#### Dundy - Hitchcock

<b>05</b>	<b>2000MST 2300MST</b>			<b>0</b>	<b>0</b>			<b>High Wind (G50)</b>
-----------	----------------------------	--	--	----------	----------	--	--	------------------------

Strong gradient winds developed at the surface resulting in sustained winds of 40 mph with gusts of 55 to 60 mph over SW Nebraska.

### Dundy County

<b>4 W Haigler</b>	<b>20</b>	<b>2158MST</b>			<b>0</b>	<b>0</b>			<b>Hail(1.00)</b>
--------------------	-----------	----------------	--	--	----------	----------	--	--	-------------------

## NEBRASKA, South Central

### Adams County

<b>Hastings</b>	<b>05</b>	<b>1937CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail(0.75)</b>
-----------------	-----------	----------------	--	--	----------	----------	----------	----------	-------------------

### Hamilton County

<b>1 NW Aurora</b>	<b>10</b>	<b>0545CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail(0.75)</b>
--------------------	-----------	----------------	--	--	----------	----------	----------	----------	-------------------

### Merrick County

<b>Central City</b>	<b>10</b>	<b>0553CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail(0.75)</b>
---------------------	-----------	----------------	--	--	----------	----------	----------	----------	-------------------

### Clay County

<b>6 SE Clay Center</b>	<b>10</b>	<b>0655CST</b>			<b>0</b>	<b>0</b>	<b>10K</b>	<b>0</b>	<b>Hail(1.50)</b>
-------------------------	-----------	----------------	--	--	----------	----------	------------	----------	-------------------

Sunrise thunderstorms dropped hail along State Highway 14 from Clay Center to Central City, including penny size hail covering the ground just north of Aurora.

### York County

<b>York</b>	<b>18</b>	<b>1530CST 1830CST</b>			<b>0</b>	<b>0</b>	<b>100K</b>	<b>0</b>	<b>Heavy Rain</b>
-------------	-----------	----------------------------	--	--	----------	----------	-------------	----------	-------------------

### York County

<b>York</b>	<b>18</b>	<b>1533CST</b>			<b>0</b>	<b>0</b>	<b>1M</b>	<b>0</b>	<b>Hail(1.75)</b>
-------------	-----------	----------------	--	--	----------	----------	-----------	----------	-------------------

### York County

<b>1 NE York</b>	<b>18</b>	<b>1540CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Funnel Cloud</b>
------------------	-----------	----------------	--	--	----------	----------	----------	----------	---------------------

### York County

<b>4 W Waco</b>	<b>18</b>	<b>1545CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail(1.00)</b>
-----------------	-----------	----------------	--	--	----------	----------	----------	----------	-------------------

### York County

<b>3 W Waco</b>	<b>18</b>	<b>1558CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Funnel Cloud</b>
-----------------	-----------	----------------	--	--	----------	----------	----------	----------	---------------------

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
<b><u>NEBRASKA, South Central</u></b>									
<b>Fillmore County</b>									
5 N Fairmont	18	1618CST			0	0	0	0	Hail(0.88)
<b>Hamilton County</b>									
7 NE Stockham	18	1629CST			0	0	0	0	Hail(0.75)
<b>York County</b>									
5 NE Mc Cool Jct	18	1629CST			0	0	0	0	Hail(0.75)
<b>York County</b>									
5 S Waco	18	1640CST			0	0	0	0	Hail(1.00)
<b>Fillmore County</b>									
5 W Grafton	18	1705CST			0	0	100K	0	Hail(1.75)
<b>Fillmore County</b>									
3 W Grafton	18	1715CST			0	0	0	0	Funnel Cloud
<b>Fillmore County</b>									
4 W Grafton to 3.5 W Grafton	18	1722CST 1725CST	0.5	30	0	0	0	0	Tornado (F0)
A tornado in far northwest Fillmore County knocked over an irrigation center pivot system on its short path.									
<b>York County</b>									
3 W Lushton	18	1730CST			0	0	0	0	Funnel Cloud
<b>York County</b>									
York	18	1730CST 1930CST			0	0	100K	0	Flash Flood
<b>York County</b>									
1 S Lushton	18	1740CST 1741CST	0.1	10	0	0	0	0	Tornado (F0)
A brief tornado was reported by local law enforcement near Lushton in southwest York County. No damage was reported.									
<b>Fillmore County</b>									
4 N Geneva	18	1745CST			0	0	100K	0	Hail(1.75)
<b>Fillmore County</b>									
Exeter	18	1800CST			0	0	0	0	Hail(0.88)
<b>Fillmore County</b>									
Geneva	18	1800CST			0	0	1.5M	0	Hail(1.75)
<b>York County</b>									
Waco	18	1817CST 2100CST			0	0	100K	0	Flash Flood
<b>Fillmore County</b>									
3 S Geneva	18	1837CST			0	1	100K	0	Hail(2.75)
Baseball size hail pounded the vehicle of the Fillmore County Emergency Manager. The windshield was shattered and glass flew into the eyes of the Emergency Manager. He was able to drive to the local hospital to receive treatment and was released.									
<b>Fillmore County</b>									
4 E Shickley	18	1837CST			0	0	100K	0	Hail(1.75)
<b>Fillmore County</b>									
Strang	18	1900CST			0	0	100K	0	Hail(1.75)
<b>Nuckolls County</b>									
3 W Ruskin	18	1900CST 2230CST			0	0	25K	0	Heavy Rain
<b>Polk County</b>									
7 S Shelby	18	1900CST 2300CST			0	0	50K	0	Flash Flood
<b>Fillmore County</b>									
4 W Ohioa	18	1910CST			0	0	250K	0	Hail(2.75)

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## NEBRASKA, South Central

Thayer County 5 W Bruning	18	1921CST			0	0	0	0	Funnel Cloud
Thayer County Bruning	18	1933CST			0	0	250K	0	Hail(1.75)
Thayer County 3 E Belvidere	18	1947CST			0	0	0	0	Funnel Cloud
Nuckolls County 3 N Hardy	18	1958CST			0	0	25K	0	Hail(1.25)
Thayer County Gilead	18	2019CST			0	0	0	0	Hail(0.75)
Nuckolls County 1 W Ruskin	18	2030CST			0	0	0	0	Hail(1.00)
Thayer County Deshler	18	2100CST			0	0	0	0	Hail(0.75)
Nuckolls County Ruskin	18	2121CST			0	0	250K	0	Hail(1.75)
Thayer County 4 W Chester	18	2225CST			0	0	0	0	Hail(0.75)
Thayer County 4 W Chester	18	2235CST			0	0	0	0	Funnel Cloud

A wild night of weather became the first major severe weather event of the season in south central Nebraska. Severe thunderstorms were responsible for tornadoes, very large hail and flash flooding, mainly east of Columbus to Hastings line.

Fillmore County was hardest hit. A tornado in the northwest corner of the county damaged a center pivot. The county Emergency Manager was injured by flying glass after baseball sized hail pummeled his vehicles' windshield. He was treated and released from the hospital that evening. The hail hammered much of the county over the course of 3 to 4 hours. Geneva sustained some of the more widespread property damage. Damage in Fillmore County totaled in the millions. In York County, a tornado was reported south of Lushton, but not damaged was noted. Drifts of golf ball size hail and heavy rain pounded York County as well.

Flash flooding was reported in York and Polk counties. In York County, the underpass north of downtown was full of water and the Beaver Creek Trails on the west side of town flooded. In Polk County, there were several roads reported under water around 8 pm in eastern sections of the county. Heavy rain of 1 to 3 inches in eastern Nuckolls County caused damage to county roads around Ruskin and Hardy.

Nuckolls County Superior	20	2245CST			0	0	0	0	Hail(0.75)
Nuckolls County Nelson	20	2305CST			0	0	0	0	Hail(1.00)
Thayer County 2 N Hebron	20	2330CST			0	0	0	0	Hail(1.00)
Clay County 4 E Clay Center	21	0010CST			0	0	0	0	Hail(1.00)
Hamilton County Stockham	21	0039CST			0	0	0	0	Hail(0.75)
Hamilton County Phillips	21	0048CST			0	0	100K	0	Hail(1.75)
Merrick County 4 SW Chapman	21	0053CST			0	0	100K	0	Hail(2.00)
Merrick County 1 SW Palmer	21	0120CST			0	0	25K	0	Hail(1.50)

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## NEBRASKA, South Central

### Nance County

2 N Fullerton	21	0138CST			0	0	0	0	Hail(1.00)
---------------	----	---------	--	--	---	---	---	---	------------

### Greeley County

7 N Wolbach	21	0205CST			0	0	25K	100K	Hail(1.75)
-------------	----	---------	--	--	---	---	-----	------	------------

Scattered severe thunderstorms rumbled across a section of south central Nebraska, along and east of U.S. Highway 281 in the evening and overnight. Two inch in diameter hail was reported southwest of Chapman in Merrick County and golf ball size was reported by trained spotters at Phillips in Hamilton County. One severe thunderstorm with golf ball size hail flattened a one foot high alfalfa field north of Wolbach. The hail covered the ground, and literally pulverized the alfalfa right down to the ground

### Greeley County

4 NW Greeley	21	1320CST			0	0	0	0	Hail(0.75)
--------------	----	---------	--	--	---	---	---	---	------------

### Greeley County

14 N Greeley	21	1333CST			0	0	0	0	Hail(0.75)
--------------	----	---------	--	--	---	---	---	---	------------

### Nance County

3 N Fullerton	21	1400CST			0	0	0	0	Hail(1.25)
---------------	----	---------	--	--	---	---	---	---	------------

Isolated severe thunderstorms rumbled north of Nebraska State Highway 92 on the afternoon of April 21st, and dropped penny to slightly larger than quarter size hail.

## NEBRASKA, West

### Morrill County

12 SE Bridgeport	18	1607MST 1613MST			0	0			Hail(0.75)
------------------	----	--------------------	--	--	---	---	--	--	------------

### Cheyenne County

Sidney	19	1510MST 1519MST			0	0			Hail(1.75)
--------	----	--------------------	--	--	---	---	--	--	------------

Nickel to golfball-sized hail reported

### Scotts Bluff County

16 ENE Scottsbluff	19	1515MST 1519MST			0	0			Hail(1.00)
--------------------	----	--------------------	--	--	---	---	--	--	------------

### Cheyenne County

Sidney	19	1529MST 1534MST			0	0			Hail(1.00)
--------	----	--------------------	--	--	---	---	--	--	------------

### Box Butte County

22 WSW Alliance	19	1607MST 1611MST			0	0			Hail(1.75)
-----------------	----	--------------------	--	--	---	---	--	--	------------

## NEVADA, North

### NVZ033

X E Elko	13	1655PST 1715PST			0	0			High Wind (G60)
----------	----	--------------------	--	--	---	---	--	--	-----------------

### NVZ031-034

N Elko Cnty - Ruby Mountains/E Humboldt Range	20	0800PST 1800PST			0	0			Heavy Snow
---	----	--------------------	--	--	---	---	--	--	------------

15 inches of snow was reported at Jacks Creek Lodge, 12 inches in Jarbidge, and 14 inches at the Dorsey Basin Snotel in the East Humboldt Range.

### NVZ031-034

N Elko Cnty - Ruby Mountains/E Humboldt Range	24	1400PST 2200PST			0	0			Heavy Snow
---	----	--------------------	--	--	---	---	--	--	------------

8-16 inches of snow was reported at the Snotel sites across the mountains of northern Elko County. 1-2 feet of snow was reported by Snotel gages in the Ruby Mountains and East Humboldt Range.

### NVZ036

N Lander & N Eureka	29 30	1000PST 2359PST			0	0			Flood
---------------------	----------	--------------------	--	--	---	---	--	--	-------

The Humboldt River rose above flood stage in Battle Mountain with minor lowland flooding reported.



# Storm Data and Unusual Weather Phenomena

April 2005

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Number of Persons Injured	Property	Estimated Damage Crops	Character of Storm
<b><u>NEVADA, South</u></b>									
NVZ020	Las Vegas Valley								
	08	2230PST			0	0	20K		High Wind (G50)
	Strong winds were reported throughout the Las Vegas valley with several trees and power lines blown down.								
<b><u>NEVADA, West</u></b>									
NVZ003	Greater Reno/Carson City/Minden Area								
	03	1155PST			0	0			High Wind (G55)
	A 55 kt (63 mph) wind gust reported by a trained spotter 5 miles east of Gardnerville.								
NVZ003	Greater Reno/Carson City/Minden Area								
	03	1357PST			0	0			High Wind (G55)
	A 55 kt (63 mph) wind gust reported by a trained spotter 6 miles southwest of Gardnerville.								
NVZ003	Greater Reno/Carson City/Minden Area								
	03	1358PST			0	0			High Wind (G57)
	A 57 kt (66 mph) wind gust recorded at the NWS Forecast Office in north Reno.								
NVZ003	Greater Reno/Carson City/Minden Area								
	07	0122PST			0	0			High Wind (G63)
	A 63 kt (73 mph) wind gust reported by a trained spotter 6 miles southwest of Gardnerville.								
NVZ003	Greater Reno/Carson City/Minden Area								
	07	0520PST			0	0			High Wind (G55)
	A 55 kt (63 mph) wind gust recorded at the Desert Springs RAWS sensor 12 miles NNW of Reno.								
NVZ003	Greater Reno/Carson City/Minden Area								
	07	0630PST			0	0			High Wind (G50)
	A 50 kt (58 mph) wind gust recorded at the DRI wind sensor at Wolf Run Golf Course in south Reno.								
NVZ001	Mineral/Southern Lyon								
	07	0700PST			0	0			High Wind (G56)
	A 56 kt (64 mph) wind gust recorded at NDOT wind sensor at Walker Lake.								
NVZ003	Greater Reno/Carson City/Minden Area								
	07	0700PST			0	0			High Wind (G53)
	A 53 kt (61 mph) wind gust recorded at the Galena RAWS sensor.								
NVZ003	Greater Reno/Carson City/Minden Area								
	07	0715PST			0	0			High Wind (G50)
	A 50 kt (58 mph) wind gust recorded at the NDOT sensor at Five Mile Flat north of Virginia City.								
NVZ003	Greater Reno/Carson City/Minden Area								
	07	0730PST			0	0			High Wind (G50)
	A 50 kt (58 mph) wind gust recorded at the NDOT sensor in Washoe Valley 2 miles south of Washoe City.								
NVZ003	Greater Reno/Carson City/Minden Area								
	07	0803PST			0	0			High Wind (G66)
	A 66 kt (76 mph) wind gust reported by a trained spotter 6 miles southwest of Gardnerville.								
NVZ002	Greater Lake Tahoe Area								
	08	1000PST 1500PST			0	0			Heavy Snow
	A fast-moving winter storm moved through the Sierra Nevada on the 8th, depositing more than a foot of snow in the higher elevations.								
	Storm total snowfall amounts:								
	Mt. Rose Ski Area			18 inches					
	2 N Incline Village (7600 ft.)			14 inches					
	Incline Village (6500 ft.)			10 inches					
NVZ003	Greater Reno/Carson City/Minden Area								
	13	0530PST			0	0			High Wind (G57)
	A 57 kt (66 mph) wind gust reported by a trained spotter 6 miles southwest of Minden.								

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## NEVADA, West

NVZ003

**Greater Reno/Carson City/Minden Area**

**18 1900PST**  
**19 0030PST**

**0 0**

**Heavy Snow**

Overnight snowfall totals:

Caughlin Ranch area in SW Reno (5050 ft.) 4 inches

7 NW Reno (5360 ft.) 4 inches

**Douglas County**

**Gardnerville**

**27 1230PST**

**0 0**

**Lightning**

Lightning struck a poplar tree at a home in Gardnerville. The lightning bolt blew out the front door jamb of the house. An automobile's windshield was badly cracked. Computers, televisions, and VCRs throughout the neighborhood were damaged from the strike. In a house a few doors away, kitchen lights were blown from their sockets.

**Carson City (C)**

**2 NE Carson City Arpt**

**27 1730PST**  
**1735PST**

**0.2 50**

**0 0**

**Tornado (F0)**

An F0 tornado was reported near the Carson-Tahoe Hospital.

## NEW HAMPSHIRE, North and Central

NHZ001>010

**Northern Coos - Southern Coos - Northern Grafton - Northern Carroll - Southern Grafton - Southern Carroll - Sullivan - Merrimack - Belknap - Strafford**

**03 0700EST**  
**04 0700EST**

**0 0 945K 0 Flood**

A low pressure system moving slowly northeast from through the Mid-Atlantic States spread rain into New Hampshire during the afternoon of April 2. Heavy rain continued through the 3rd as the storm continued to move slowly northeast. Rainfall amounts ranged from 1 to 3 inches across the area with Pinkham Notch receiving 3.61 inches. The rain, in combination with snowmelt, produced numerous road washouts throughout the area and resulted in about 945 thousand dollars in damage.

The Saco River at Conway rose above the 9 foot flood stage between 1:30 pm on the 3rd and 1:30 am on the 4th and reached a crest of 10.24 feet at 6:45 pm on the 3rd.

The Ammonoosuc River at Bethlehem was above the flood stage of 8 feet from 12:15 pm to 2:30 pm on the 3rd and reached a crest of 8.17 feet at 12:30 pm.

The Connecticut River at Dalton rose above the 17 foot flood stage between 5:45 pm and 7:00 pm on the 6th, reaching a crest of 17.14 feet at 6:00 pm. The Connecticut River at West Lebanon was above the flood stage of 18 feet from 10:30 am on the 3rd to 6:15 am on the 4th, reaching a crest of 19.34 feet at 5:00 pm on the 3rd.

The Pemigewasset River at Plymouth was above the flood stage of 13 feet from 3:15 pm on the 3rd to 4:15 am on the 4th and reached a crest of 14.21 feet at 8:15 pm on the 3rd.

The Smith River at Bristol rose above the flood stage of 8 feet at 9:30 am on the 3rd and remained above flood stage until 10:15 am on the 4th, reaching a crest of 8.22 feet at 5:00 am on the 4th.

The Contoocook River at Henniker was above the flood stage of 12 feet from 7:00 pm on the 3rd to 4:00 pm on the 4th and reached a crest of 12.36 feet at 4:00 am on the 4th.

The Warner River at Davisville rose above the 8 foot flood stage from 9:00 am on the 3rd to 9:30 am on the 5th and crested at 9.12 feet at 6:30 pm on the 3rd.

NHZ001>006

**Northern Coos - Southern Coos - Northern Grafton - Northern Carroll - Southern Grafton - Southern Carroll**

**24 0930EST**  
**25 0615EST**

**0 0 225K 0 Flood**

Low pressure developed in the Ohio River Valley and moved northeast through New York State. This low spread rain into New Hampshire during the morning hours of April 23rd. Rain was initially light but increased in intensity on April 24th as a cold front moved through. Rainfall amounts generally ranged from 1.5 to 2.5 inches across the area. There were several road washouts and flooded basements during this event.

The Saco River at Conway rose above the flood stage of 9 feet at 1:30 pm on the 24th and remained above flood stage until 5:45 am on the 25th, reaching a crest of 12.14 feet at 9:30 pm on the 24th.

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## NEW HAMPSHIRE, North and Central

The Pemigewasset River at Woodstock was above the flood stage of 9 feet from 10:30 am to 9:45 pm on the 24th, reaching a crest of 11.58 feet at 2:30 pm. The Pemigewasset River at Plymouth rose above the flood stage of 13 feet at 3:15 pm on the 24th and remained above flood stage until 7:15 am on the 25th, reaching a crest of 15.51 feet at 11:00 pm on the 24th.

NHZ004

**Northern Carroll**

**28 0115EST  
0915EST**

**0**

**0**

**Flood**

A cold front moved through New Hampshire about midday on the April 27th. Low pressure developed on the front along the coast of Maine late in the day and produced heavy rain across the area into the morning of the 28th. Conway reported 2.08 inches of rainfall from the event. The rainfall from this storm, in addition to rainfall from previous storms caused the Saco River at Conway to rise over its banks. The Saco River rose above the 9 foot flood stage from 1:15 am to 10:15 am on the 28th, reaching a crest of 9.46 feet at 5:15 am.

## NEW HAMPSHIRE, Southern

## NEW JERSEY, Northeast

NJZ002>006-011

**Western Passaic - Bergen - Eastern Passaic - Essex - Hudson - Union**

**02 0900EST  
04 0700EST**

**0**

**0**

**12M**

**Flood**

A low pressure system developed in the Gulf Of Mexico and rapidly intensified as it moved north to northeast. The low passed over the Appalachian Mountains and moved slowly west of the local area during Saturday and Sunday, April 2nd and 3rd. Widespread heavy rain along with embedded heavy showers and thunderstorms occurred with this system. Storm Total Rainfall amounts ranged from 1.50 to 3.25 inches.

During March 28th and 29th, only 3 to 5 days earlier, another low dumped 1.50 to 3.00 inches of rain across the region as it moved north to northeast along the eastern seaboard. These wet antecedent conditions primed the local area for additional widespread flooding with 3 to 6 inches of rain occurring in less than 5 days.

Heavy rain caused widespread urban flooding. Most small streams and rivers overflowed their banks. In addition, high wind gusts from 46 to 57 mph, associated with heavier showers, downed many trees.

Based on newspaper clippings and quotes from the NJ State Office of Emergency Management, the floods along the Passaic and Delaware Rivers, forced nearly 6000 residents from their homes and caused \$60 million in damages; \$52.5 million to private property and \$7.5 million to public property. The flooding affected more than 3000 single-family homes and another 140 apartments and businesses.

The Saddle River at Lodi reached its' flood stage of 6.0 feet at 8:45 pm on April 2nd. It crested at 6.56 feet at 1:45 am on April 3rd, then receded below flood stage at 5:45 am.

The Ramapo River at Mahwah reached its' flood stage of 8.0 feet at 6:45 pm on April 2nd. It crested at 9.87 feet at 9 am on April 3rd, then receded below its' flood stage at 8 am on April 4th. Major flooding occurred along Route 202. Glen Gray Road was completely flooded and Bear Swamp Road was partially flooded.

The Ho-Ho-Kus Brook reached its' flood stage of 3.0 at 5:00 pm on April 2nd. It crested briefly at 3.15 feet at 9 pm, then receded below its' flood stage at 11:00 pm on April 2nd.

Here are selected rainfall amounts for:

Passaic County - from 2.01 inches at Wayne to 3.77 inches at Greenwood Lake.

Bergen County - from 1.35 inches at Woodridge to 3.25 inches at Rutherford. At Teterboro Airport, 1.81 inches was measured.

Essex County - from 1.40 inches at Newark Airport to 2.35 inches at Montclair.

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--	---------------------------------------	--------------------

## NEW JERSEY, Northeast

Hudson County - from 1.78 inches at Harrison to 2.84 inches at West New York.

Union County - from 1.50 inches at Roselle to 2.23 inches at Canoe Brook.

Here are selected peak wind gusts for:

Passaic County - 32 mph at Hawthorne on April 2nd at 4:08 pm.

Bergen County - from 50 mph at Woodridge and Bergenfield to 68 mph at North Arlington on April 2nd around 7:30 pm. At Teterboro Airport, a 54 mph peak wind gust was measured at 8:26 pm. Spotters reported numerous trees downed in North Arlington. Other spotter reports included a downed tree and pole on Terrace Ave. near Madison Ave. in Hasbrouck Heights. Power lines were downed on Masonicus Road and East Crescent Ave. in Mahwah. Large branches and a few trees were downed throughout the Borough of Wood Ridge.

Essex County - 52 mph at Newark Airport on April 2nd at 7:30 pm. Spotters reported a tree down in Belleville and Nutley.

Hudson County - from 44 mph at Kearny on April 2nd at 7:12 pm to 53 mph at Jersey City on April 3rd at 5:00 am. Spotters reported roof damage in Jersey City and a large tree fell onto a house in Harrison.

Union County - 37 mph at Elizabeth on April 2nd.

### **Bergen County North Arlington**

**02 1920EST 0 0 Thunderstorm Wind (G59)**

An isolated severe thunderstorm embedded in a field of heavy rain produced a wind gust to 68 mph at North Arlington. Spotters reported numerous trees downed. At Teterboro Airport, a peak wind gust to 54 mph was measured.

### **Bergen County Teaneck**

**28 1515EST 0 0 Thunderstorm Wind (G50)**

As a shower moved east across the region, it produced high winds that downed several trees and power lines in Teaneck. A spotter reported a large tree down on the front of a house at 827 Grange Place. Power lines were downed at Bogart and Queen Anne Roads, and Degraw Ave. and Teaneck Road.

## NEW JERSEY, South and Northwest

NJZ008

Morris

**01 0000EST 0 0 1M Flood**  
**09 1500EST**

Heavy rain and widespread flooding affected the Passaic and Delaware River Basins. In all, about 6,000 persons were evacuated along the Delaware and Passaic River Basins in New Jersey with about 3,200 homes damaged. New Jersey Acting Governor Richard J. Codey declared a state of emergency on April 3rd. In Sussex, Warren, Hunterdon, Mercer and Morris Counties, about 1,800 homes and businesses were flooded, 25 homes were destroyed. Many of the homes and businesses that were flooded, had flooding into the first floor of their dwellings. About 4,000 people were evacuated from the five counties. Shelters were opened in schools, fire houses and churches. Both the Red Cross and Salvation Army assisted with the evacuations and distributing food and drinks. Many major roads were closed. Total statewide damage from this storm was estimated at \$52 million dollars. The worst damage was reported in Lambertville (Hunterdon County) and Trenton (Mercer County). Miraculously there were no deaths or major injuries.

Residents and businesses found raw sewage that backed into water-logged cellars. Many furnaces, water heaters, electrical panels, washing machines and dryers were destroyed. In many places, everything that was stored below ground level was destroyed. The flood waters dislodged propane and oil tanks. Some basements were contaminated with oil. First floor damage included ruined hardwood floors, furniture, carpeting, vinyl flooring and dry walls. The homes that were greatly affected had their electricity and gas service turned off and in many instances had to get the former replaced. Private wells had to be tested for contamination.

On April 19th, President George W. Bush declared a major disaster area in Gloucester, Hunterdon, Mercer, Morris, Sussex and Warren Counties. This opened the door for federal aid for homeowners and businesses. Persons could get grants for temporary housing and to clean and rebuild their homes. Homeowners and businesses were now eligible for low interest loans to cover uninsured property losses and other federally funded programs.

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--	---------------------------------------	--------------------

## NEW JERSEY, South and Northwest

The northeastern part of Morris County was hit the hardest by flooding along the Pequannock, Pompton and Passaic Rivers. Isolated sections of the Passaic River never went below flood stage from the flooding on March 28th as the next batch of heavy rain arrived. The rain began falling around Midnight EST on the 2nd and fell heavy at times during the afternoon into the early evening. Lighter rain and/or drizzle fell through the rest of the night and ended during the morning of the 3rd. Storm totals averaged around three inches. About 500 people were evacuated mainly from Pequannock and Lincoln Park Boroughs. In Lincoln Park, thirty streets were closed and over 100 homes were flooded near the Pompton and Passaic Rivers. As of April 8th, about 100 people could not return to their homes as several streets were still flooded. In Pequannock, four major roads were closed including New Jersey State Route 23. Schools were closed on Monday the 4th. All power to the borough was restored on the 6th. Road closures due to flooding also occurred in Dover, Rockaway, Randolph, Denville, Netcong, Morris and Mount Arlington.

The Rockaway River above the Boonton Reservoir was above its 5 foot flood stage from 728 p.m. EST on the 2nd through 1118 p.m. EDT on the 4th. It crested at 6.33 feet at 1030 a.m. EDT on the 3rd. The Rockaway River below the Boonton Reservoir was above its 5 foot flood stage from 645 p.m. EST on the 2nd through 1230 a.m. EDT on the 6th. It crested at 7.19 feet at 1 p.m. EDT on the 3rd. The Pompton River at Pompton Plains was above its 16 foot flood stage from 1122 p.m. EST on the 2nd through 315 a.m. EDT on the 5th. It crested at 20.42 feet at 4 p.m. EDT on the 3rd. The Pequannock River at the Macopin Intake Dam was above its 5.5 foot flood stage from 630 p.m. EST on the 2nd through 830 p.m. EDT on the 4th. It crested at 6.12 feet at 215 p.m. EDT on the 3rd. The Whippany Creek at Morristown crested at 6.03 feet at Midnight EST on the 3rd. It was above its 6 foot flood stage from 1015 p.m. EST on the 2nd through 315 a.m. EDT on the 3rd. The Passaic River at Chatham was above its 6 foot flood stage from 640 p.m. EST through 1032 p.m. EST on the 2nd. It crested at 6.07 feet at 8 p.m. EST on the 2nd. The river was above flood stage again from 1030 p.m. EDT on the 3rd through 545 p.m. EDT on the 4th. It crested at 6.03 feet at 145 a.m. EDT on the 4th. Farther downstream at Pine Brook, the Passaic River was above its 19 foot flood stage from 3 p.m. EST on the 2nd through 1130 p.m. EDT on the 8th. It crested at 20.7 feet at 1045 p.m. EDT on the 4th. Farther downstream at Two Bridges, the Passaic River never receded below flood stage from the March 28th heavy rain. It remained above the 9 foot flood stage until 4 p.m. EDT on the 9th. The highest April crest was 13.23 feet at 1115 p.m. EDT on the 4th.

Specific storm totals included 4.20 inches in Chester, 3.80 inches in Jefferson Township, 3.72 inches in Ironia, 3.20 inches in Pequannock, 3.00 inches in Morris Plains, 2.72 inches in Marcella, 2.57 inches in Boonton and 2.33 inches in Morristown.

The flooding heavy rain was caused by a low pressure system that moved from the southern Gulf Coast States on the morning of April 1st northeast to the eastern Tennessee Valley during the evening of the 1st, to far western Virginia just after Midnight EST on the 2nd, into central Virginia at 7 a.m. EST on the 2nd, near Washington, D.C. at 1 p.m. EST on the 2nd, near Lancaster, Pennsylvania at 7 p.m. EST on the 2nd, near Scranton, Pennsylvania at 1 a.m. EST on the 3rd, over the Finger Lakes in New York at 8 a.m. EDT on the 3rd and into eastern Lake Ontario at 2 p.m. EDT on the 3rd. The strong southeast flow preceding the low pressure system was able to entrain Atlantic Ocean moisture in addition to the Gulf of Mexico moisture into the system. The flooding was exacerbated by the already wet soil conditions due to heavy rain on both March 23rd and 28th.

NJZ010

### **Somerset**

**02 1125EST**  
**04 1600EST**

**0 0**

**Flood**

For the second time within seven months a greater than 50-year storm affected the Delaware River Basin and its tributaries. In all, about 6,000 persons were evacuated along the Delaware and Passaic River Basins in New Jersey with about 3,200 homes damaged. New Jersey Acting Governor Richard J. Codey declared a state of emergency on April 3rd. Somerset County was less affected than counties in the Passaic and Delaware Basins. Nevertheless, flooding did occur along the Raritan and Millstone Rivers as well as some of its tributaries. But flooding did not exceed levels reached with Hurricane Floyd in September 1999 or the floods of January 1996. Rain started late in the evening on the 1st and continued throughout the day on the 2nd. The rain fell at its heaviest during the afternoon of the 2nd. The rain tapered off to some spottier light rain or drizzle during the evening and overnight and ended during the morning on the 3rd. Storm totals averaged between 2 and 3.5 inches. The heavy rain and flooding forced the closure of the Griggstown Causeway and a few streets in Manville Borough. Raw sewage backed into several homes in Bernards Township.

Specific storm totals included 3.55 inches in Bridgewater, 3.48 inches in Neshanic, 3.07 inches in Pottersville, 3.04 inches in Hillsborough, 2.37 inches in Somerville and 2.06 inches in Blackwells Mills.

The North Branch of the Raritan River at Raritan was above its 10 foot flood stage from 1145 p.m. EST on the 2nd through 554 a.m. EDT on the 3rd. It crested at 10.35 feet at 330 a.m. EDT on the 3rd. Farther downstream, the North Branch of the Raritan at South Branch was above its 7 foot flood stage from 1125 a.m. EST on the 2nd through 1239 p.m. EDT on the 3rd. It crested at 8.8 feet at 6 p.m. EST on the 2nd. The main stem of the Raritan River at Manville was above its 14 foot flood stage from 1125 p.m. EST on the 2nd through 700 p.m. EDT on the 3rd. It crested at 16.96 feet at 8 a.m. EDT on the 3rd. Farther downstream at Bound Brook the Raritan River was above its 28 foot flood stage from 109 a.m. EST through 957 p.m. EDT on the 3rd. It crested at 30.54 feet at 1024 a.m. EDT. The Millstone River at Griggstown was above its 10 foot flood stage from 109 p.m. EST on the 2nd through 5 p.m. EDT on the 4th. It crested at 14.65 feet at 3 a.m. EDT on the 3rd. Downstream at Weston, the Millstone River was above its 12.4 foot flood stage from 444 a.m. EDT through 620 p.m. EDT on the 3rd. It crested at 13.6 feet at 10 a.m. EDT. Farther downstream, the

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## NEW JERSEY, South and Northwest

Millstone River at Blackwells Mills was above its 9 foot flood stage from 1130 p.m. EST on the 2nd through 430 a.m. EDT on the 4th. It crested at 11.40 feet at 1027 a.m. EDT on the 3rd. The Lamington River at Burnts Mills was above its 9.5 foot flood stage from 440 p.m. EST on the 2nd through 512 a.m. EDT on the 3rd. It crested at 11.0 feet at Midnight EST on the 3rd.

The flooding heavy rain was caused by a low pressure system that moved from the southern Gulf Coast States on the morning of April 1st northeast to the eastern Tennessee Valley during the evening of the 1st, to far western Virginia just after Midnight EST on the 2nd, into central Virginia at 7 a.m. EST on the 2nd, near Washington, D.C. at 1 p.m. EST on the 2nd, near Lancaster, Pennsylvania at 7 p.m. EST on the 2nd, near Scranton, Pennsylvania at 1 a.m. EST on the 3rd, over the Finger Lakes in New York at 8 a.m. EDT on the 3rd and into eastern Lake Ontario at 2 p.m. EDT on the 3rd. The strong southeast flow preceding the low pressure system was able to entrain Atlantic Ocean moisture in addition to the Gulf of Mexico moisture into the system. The flooding was exacerbated by the already wet soil conditions due to heavy rain on both March 23rd and 28th.

**NJZ014-016-021-023>026 Eastern Monmouth - Salem - Cumberland - Western Cape May - Eastern Cape May - Eastern Atlantic - Eastern Ocean**  
**02 1400EST 0 0 0 Astronomical High Tide**  
**03 0300EST**

Strong southeast winds and runoff from the heavy rain in the Delaware River caused minor tidal flooding at the time of the late afternoon and early evening high tide along the Delaware River and Delaware Bay. The same southeast winds caused some minor tidal flooding at the time of the overnight high tide along the Atlantic Coast. The high tide reached 7.9 feet above mean lower low water at Reedy Island (New Castle County). Minor tidal flooding begins at 7.2 feet above mean lower low water. The overnight high tide at Sandy Hook (Monmouth County) reached 6.93 feet above mean lower low water. Minor tidal flooding begins at 6.7 feet above mean lower low water.

The minor tidal flooding was caused by the strong southeast winds preceding and accompanying the low pressure system that moved from the southern Gulf Coast States toward the region on the morning of the 2nd. At 7 a.m. EST on the 2nd, the low pressure system was in central Virginia. From Virginia it continued to move northeast and intensified as it neared Washington, D.C. at 1 p.m. EST on the 2nd, Lancaster, Pennsylvania at 7 p.m. EST on the 2nd and Scranton, Pennsylvania at 1 a.m. EST on the 3rd.

**NJZ001-007>010-012>027 Sussex - Warren - Morris - Hunterdon - Somerset - Middlesex - Western Monmouth - Eastern Monmouth - Mercer - Salem - Gloucester - Camden - Northwestern Burlington - Western Ocean - Cumberland - Western Atlantic - Western Cape May - Eastern Cape May - Eastern Atlantic - Eastern Ocean - Southeastern Burlington**  
**02 1500EST 0 0 20K Strong Wind**  
**2000EST**

Strong southeast winds affected New Jersey during the afternoon and early evening of the 2nd as the strong low pressure system continued to intensify as it moved closer to the area. As the low pressure system moved into the area, the intensification process was weakening and the proximity to the low itself caused winds to become lighter. Peak wind gusts averaged 45 to 50 mph. The combination of the winds and heavy rain made it easy to knock down shallow rooted trees, especially toward the coast. In central New Jersey, 17,000 homes and businesses lost power in Middlesex and Monmouth Counties. Several poles were split in South Brunswick Township. Several roads were closed because of downed wires. Outages in Monmouth County were concentrated in Freehold Township. In Southern New Jersey, about 2,000 homes and businesses lost power.

Peak wind gusts included 55 mph in Lumberton Township (Burlington County), 52 mph at the McGuire Air Force Base (Burlington County), 49 mph at the Atlantic City International Airport (Atlantic County), 47 mph in Belmar (Monmouth County), 43 mph in Millville (Cumberland County) and 40 mph in Sussex (Sussex County).

The strong winds were caused by a low pressure system that moved from the southern Gulf Coast States toward the region on the morning of the 2nd. At 7 a.m. EST on the 2nd, it was a 996 millibar low pressure system in central Virginia. From Virginia it continued to move northeast and intensified and was a 992 millibar low pressure system near Washington, D.C. at 1 p.m. EST on the 2nd, a 987 millibar low pressure system near Lancaster, Pennsylvania at 7 p.m. EST on the 2nd and a 984 millibar low pressure system near Scranton, Pennsylvania at 1 a.m. EST on the 3rd.

**NJZ016**

**Salem**  
**02 1600EST 0 0 Flood**  
**2300EST**

Heavy rain fell across Salem County during the afternoon of the 2nd and caused poor drainage and stream flooding. Rain started late in the evening on the 1st and continued throughout the day on the 2nd. The rain fell at its heaviest during the afternoon of the 2nd. The rain tapered off to some spottier light rain or drizzle during the evening and overnight and ended during the morning on the 3rd. Storm totals averaged between 2 and 3 inches.

New Jersey State Route 49 over the Alloways Creek and Salem River was closed due to flooding. The Pedricktown Bridge over Oldmans Creek was also closed due to flooding. Several roads near Chestnut Run in Woodstown were closed. Minor tidal flooding

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--	---------------------------------------	--------------------

## NEW JERSEY, South and Northwest

also occurred along the Delaware River, especially with the daytime high tide through the 4th.

The flooding heavy rain was caused by a low pressure system that moved from the southern Gulf Coast States on the morning of April 1st northeast to the eastern Tennessee Valley during the evening of the 1st, to far western Virginia just after Midnight EST on the 2nd, into central Virginia at 7 a.m. EST on the 2nd, near Washington, D.C. at 1 p.m. EST on the 2nd, near Lancaster, Pennsylvania at 7 p.m. EST on the 2nd, near Scranton, Pennsylvania at 1 a.m. EST on the 3rd, over the Finger Lakes in New York at 8 a.m. EDT on the 3rd and into eastern Lake Ontario at 2 p.m. EDT on the 3rd. The strong southeast flow preceding the low pressure system was able to entrain Atlantic Ocean moisture in addition to the Gulf of Mexico moisture into the system. The southeast flow also was ideal for orographic lifting in the Poconos and other higher terrain. The flooding was exacerbated by the already wet soil conditions due to heavy rain on both March 23rd and 28th. In addition, along the Delaware River, snowmelt in the upper basin in New York State and because the New York City Delaware County, New York reservoirs were already at capacity added to the flooding.

NJZ015

### **Mercer**

<b>02</b>	<b>1700EST</b>	<b>0</b>	<b>0</b>	<b>5M</b>	<b>Flood</b>
<b>05</b>	<b>1003EST</b>				

For the second time within seven months a greater than 50-year storm affected the Delaware River Basin and its tributaries. But, this time flooding also extended into the Passaic River Basin. In all, about 6,000 persons were evacuated along the Delaware and Passaic River Basins in New Jersey with about 3,200 homes damaged. New Jersey Acting Governor Richard J. Codey declared a state of emergency on April 3rd. Many homes and businesses that were flooded because of the remnants of Hurricane Ivan along the Delaware River, were flooded again. The crests along the Delaware River were even higher than in September 2004 and were the highest crests since 1955. In many places, it was the second or third highest crest on record for the Delaware River. In Sussex, Warren, Hunterdon, Mercer and Morris Counties, about 1,800 homes and businesses were flooded, 25 homes were destroyed. Many of the homes and businesses that were flooded, had flooding into the first floor of their dwellings. About 4,000 people were evacuated from the five counties. Shelters were opened in schools, fire houses and churches. Both the Red Cross and Salvation Army assisted with the evacuations and distributing food and drinks. Many major roads were closed. A dozen low-lying bridges from Trenton north were closed and damaged by the flooding. Total statewide damage from this storm was estimated at \$52 million dollars. The worst damage was reported in Lambertville (Hunterdon County) and Trenton (Mercer County). Miraculously there were no deaths or major injuries.

Residents and businesses found raw sewage that backed into water-logged cellars. Many furnaces, water heaters, electrical panels, washing machines and dryers were destroyed. In many places, everything that was stored below ground level was destroyed. The flood waters dislodged propane and oil tanks. Some basements were contaminated with oil. First floor damage included ruined hardwood floors, furniture, carpeting, vinyl flooring and dry walls. The homes that were greatly affected had their electricity and gas service turned off and in many instances had to get the former replaced. Private wells had to be tested for contamination.

The heavy rain loosened the ground and caused trees to be knocked down and carried down river along with waste receptacles, propane tanks and beer kegs. As river levels rose, they damaged the low-lying bridges across the Delaware River. Damage to the bridges was estimated at \$1.5 million with the greatest damage and longest closure to the Washington Crossing Bridge between Bucks and Mercer Counties.

On April 19th, President George W. Bush declared a major disaster area in Gloucester, Hunterdon, Mercer, Morris, Sussex and Warren Counties. This opened the door for federal aid for homeowners and businesses. Persons could get grants for temporary housing and to clean and rebuild their homes. Homeowners and businesses were now eligible for low interest loans to cover uninsured property losses and other federally funded programs.

Mercer County, in particular the Island section of Trenton was hit hard by the Delaware River flooding. The rain began falling around Midnight EST on the 2nd and fell heavy at times during the afternoon into the early evening. Lighter rain and/or drizzle fell through the rest of the night and ended during the morning of the 3rd. Storm totals averaged around two inches. About 1,900 people were evacuated from Trenton, Ewing and Hopewell Township. Many roads (including New Jersey State 29) were flooded and bridges were closed. In Trenton, the entire Island section between the Delaware River and New Jersey State Route 29 was evacuated. Additional evacuations occurred in the Glen Afton section and the West Ward. The Island residents could not return until the 8th at the earliest. Over 100 homes had to be rewired as flooding reached into the first floor. The National Guard used boats to ferry city personnel around. Because most of the Delaware River bridges were closed, traffic on Interstate 95 (and its open bridge) on the morning of the 4th backed from Trenton all the way southeast into Philadelphia. Flooding reached up to eight feet in the lower level of the Statehouse parking lot, and caused non-essential state personnel from working on the 4th and 5th. About 500 persons were evacuated in Ewing Township including residents in the River Edge Apartments. A few evacuations also occurred in the Titusville Section of Hopewell Township. The Calhoun Street Bridge was reopened on the 5th and New Jersey State Route 29 was reopened on the 6th. The Washington Crossing Bridge was briefly reopened during the afternoon of the 6th, but was closed shortly thereafter when erosion was found around one of the bridges piers. A 3 foot by 8 foot section of one pier was eroding. It was believed that it was struck by a dumpster. About 7,400 vehicles a day used the bridge between Upper Makefield Township to Hopewell Township.

The Delaware River at the New Hope (Bucks County)/Lambertville(Hunterdon County) Bridge was above its 13 foot flood stage

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--	---------------------------------------	--------------------

## NEW JERSEY, South and Northwest

from 846 a.m. EDT on the 3rd through 814 a.m. EDT on the 5th. It crested at 19.17 feet at 11 a.m. EDT on the 4th. This was the third highest crest on record and the highest since August 20, 1955. The Delaware River at Washington's Crossing was above its 20 foot flood stage from 726 p.m. EDT on the 3rd through 829 a.m. EDT on the 5th. It crested at 24.7 feet at Noon EDT on the 4th. This was the third highest crest on record and the highest since August 20, 1955. The Delaware River at Trenton was above its 20 foot flood stage from 750 a.m. EDT on the 3rd through 1103 a.m. EDT on the 5th. It crested at 25.52 feet at 1 p.m. EDT on the 4th. This was the fourth highest crest on record and the highest since August 20, 1955. The Assunpink Creek in Trenton was above its 7 foot flood stage from 5 p.m. EST on the second through 7 a.m. EDT on the 3rd. It crested at 8.62 feet at 1030 p.m. EST on the 2nd.

Specific storm totals included 2.80 inches in Washington Crossing, 2.00 inches in Trenton, 1.80 inches in West Windsor and 1.76 inches in Hightstown.

The flooding heavy rain was caused by a low pressure system that moved from the southern Gulf Coast States on the morning of April 1st northeast to the eastern Tennessee Valley during the evening of the 1st, to far western Virginia just after Midnight EST on the 2nd, into central Virginia at 7 a.m. EST on the 2nd, near Washington D.C. at 1 p.m. EST on the 2nd, near Lancaster, Pennsylvania at 7 p.m. EST on the 2nd, near Scranton, Pennsylvania at 1 a.m. EST on the 3rd, over the Finger Lakes in New York at 8 a.m. EDT on the 3rd and into eastern Lake Ontario at 2 p.m. EDT on the 3rd. The strong southeast flow preceding the low pressure system was able to entrain Atlantic Ocean moisture in addition to the Gulf of Mexico moisture into the system. The southeast flow also was ideal for orographic lifting in the Poconos and other higher terrain. The flooding was exacerbated by the already wet soil conditions due to heavy rain on both March 23rd and 28th. In addition, along the Delaware River, snowmelt in the upper basin in New York State and because the New York City Delaware County, New York reservoirs were already at capacity added to the flooding.

### **NJZ018**

#### **Camden**

**02 1721EST**  
**03 0245EST**

**0**

**0**

**Flood**

For the second time within seven months a greater than 50-year storm affected the Delaware River Basin and its tributaries. In all, about 6,000 persons were evacuated along the Delaware and Passaic River Basins in New Jersey with about 3,200 homes damaged. New Jersey Acting Governor Richard J. Codey declared a state of emergency on April 3rd. In Camden County, most of the problems occurred along the Cooper River as the combination of the heavy rain and the impeded runoff because of the higher than normal Delaware River caused flooding. Rain started late in the evening on the 1st and continued throughout the day on the 2nd. The rain fell at its heaviest during the afternoon of the 2nd. The rain tapered off to some spottier light rain or drizzle during the evening and overnight and ended during the morning on the 3rd. Storm totals averaged between 2 and 3 inches.

The Admiral Wilson Boulevard in Camden was closed due to flooding along the Cooper River. U.S. Route 130 in Collingswood was closed as flooding along the Cooper River extended through the borough. The Cooper River at Haddonfield was above its 2.8 foot flood stage from 521 p.m. EST on the 2nd through 345 a.m. EDT on the 3rd. It crested at 3.29 feet at 9 p.m. EST on the 2nd. Minor tidal flooding also occurred along the Delaware River with the evening high tide on the 2nd and the morning high tides on the 3rd and 4th. Specific storm totals included 2.78 inches in Audubon, 2.76 inches in Somerdale and 2.35 inches in Blue Anchor.

The flooding heavy rain was caused by a low pressure system that moved from the southern Gulf Coast States on the morning of April 1st northeast to the eastern Tennessee Valley during the evening of the 1st, to far western Virginia just after Midnight EST on the 2nd, into central Virginia at 7 a.m. EST on the 2nd, near Washington, D.C. at 1 p.m. EST on the 2nd, near Lancaster, Pennsylvania at 7 p.m. EST on the 2nd, near Scranton, Pennsylvania at 1 a.m. EST on the 3rd, over the Finger Lakes in New York at 8 a.m. EDT on the 3rd and into eastern Lake Ontario at 2 p.m. EDT on the 3rd. The strong southeast flow preceding the low pressure system was able to entrain Atlantic Ocean moisture in addition to the Gulf of Mexico moisture into the system. The southeast flow also was ideal for orographic lifting in the Poconos and other higher terrain. The flooding was exacerbated by the already wet soil conditions due to heavy rain on both March 23rd and 28th. In addition, along the Delaware River, snowmelt in the upper basin in New York State and because the New York City Delaware County, New York reservoirs were already at capacity added to the tidal flooding problems at the lower part of the river.

### **NJZ019**

#### **Northwestern Burlington**

**02 1752EST**  
**05 1245EST**

**0**

**0**

**Flood**

For the second time within seven months a greater than 50-year storm affected the Delaware River Basin and its tributaries. In all, about 6,000 persons were evacuated along the Delaware and Passaic River Basins in New Jersey with about 3,200 homes damaged. New Jersey Acting Governor Richard J. Codey declared a state of emergency on April 3rd. Burlington County was less affected than other counties farther north along the Delaware. Nevertheless, problems occurred along the Delaware River and tidal sections of its tributaries as the combination of the tides and the runoff from heavy rain caused flooding. Rain started late in the evening on the 1st and continued throughout the day on the 2nd. The rain fell at its heaviest during the afternoon of the 2nd. The rain tapered off to some spottier light rain or drizzle during the evening and overnight and ended during the morning on the 3rd. Storm totals averaged between 2 and 3 inches.



# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--	---------------------------------------	--------------------

## NEW JERSEY, South and Northwest

In Bordentown, one home was damaged by Delaware River flooding. River flooding also affected the Bordentown Yacht Club and the Yapewi Aquatic Club. Structural damage was also caused by floating debris in the river. Farther south, two homes were evacuated in Burlington City along the river. In Cinnaminson Township, the river flooded River Road and the North Branch of the Pennsauken Creek flooded Forks Landing Road. The Delanco-Riverside Bridge was closed over the Rancocas Creek. The tides along the Delaware River in Burlington peaked at 11.20 feet above mean lower low water at 815 p.m. EST on the 2nd. Minor flooding starts with tides above 9.0 feet above mean lower low water. Lesser flooding (tides still exceeded 10.0 feet above mean lower low water) also occurred with the late morning high tides from the 3rd through the 5th. The Delaware River was running so high that minor tidal flooding occurred with most of the high tide cycles through the morning of April 14th. Specific storm totals included 2.70 inches in Tabernacle, 2.21 inches in Mounty Holly and 2.17 inches in Mount Laurel.

The flooding heavy rain was caused by a low pressure system that moved from the southern Gulf Coast States on the morning of April 1st northeast to the eastern Tennessee Valley during the evening of the 1st, to far western Virginia just after Midnight EST on the 2nd, into central Virginia at 7 a.m. EST on the 2nd, near Washington, D.C. at 1 p.m. EST on the 2nd, near Lancaster, Pennsylvania at 7 p.m. EST on the 2nd, near Scranton, Pennsylvania at 1 a.m. EST on the 3rd, over the Finger Lakes in New York at 8 a.m. EDT on the 3rd and into eastern Lake Ontario at 2 p.m. EDT on the 3rd. The strong southeast flow preceding the low pressure system was able to entrain Atlantic Ocean moisture in addition to the Gulf of Mexico moisture into the system. The southeast flow also was ideal for orographic lifting in the Poconos and other higher terrain. The flooding was exacerbated by the already wet soil conditions due to heavy rain on both March 23rd and 28th. In addition, along the Delaware River, snowmelt in the upper basin in New York State and because the New York City Delaware County, New York reservoirs were already at capacity added to the tidal flooding problems at the lower part of the river.

NJZ009

### **Hunterdon**

**02 1800EST**  
**05 1041EST**

**0 0 30M Flood**

For the second time within seven months a greater than 50-year storm affected the Delaware River Basin and its tributaries. But, this time flooding also extended into the Passaic River Basin. In all, about 6,000 persons were evacuated along the Delaware and Passaic River Basins in New Jersey with about 3,200 homes damaged. New Jersey Acting Governor Richard J. Codey declared a state of emergency on April 3rd. Many homes and businesses that were flooded because of the remnants of Hurricane Ivan along the Delaware River, were flooded again. The crests along the Delaware River were even higher than in September 2004 and were the highest crests since 1955. In many places, it was the second or third highest crest on record for the Delaware River. In Sussex, Warren, Hunterdon, Mercer and Morris Counties, about 1,800 homes and businesses were flooded, 25 homes were destroyed. Many of the homes and businesses that were flooded, had flooding into the first floor of their dwellings. About 4,000 people were evacuated from the five counties. Shelters were opened in schools, fire houses and churches. Both the Red Cross and Salvation Army assisted with the evacuations and distributing food and drinks. Many major roads were closed. A dozen low-lying bridges from Trenton north were closed and damaged by the flooding. Total statewide damage from this storm was estimated at \$52 million dollars. The worst damage was reported in Lambertville (Hunterdon County) and Trenton (Mercer County). Miraculously there were no deaths or major injuries.

Residents and businesses found raw sewage that backed into water-logged cellars. Many furnaces, water heaters, electrical panels, washing machines and dryers were destroyed. In many places, everything that was stored below ground level was destroyed. The flood waters dislodged propane and oil tanks. Some basements were contaminated with oil. First floor damage included ruined hardwood floors, furniture, carpeting, vinyl flooring and dry walls. The homes that were greatly affected had their electricity and gas service turned off and in many instances had to get the former replaced. Private wells had to be tested for contamination.

The heavy rain loosened the ground and caused trees to be knocked down and carried down river along with waste receptacles, propane tanks and beer kegs. As river levels rose, they damaged the low-lying bridges across the Delaware River. Damage to the bridges was estimated at \$1.5 million with the greatest damage and longest closure to the Washington Crossing Bridge between Bucks and Mercer Counties.

On April 19th, President George W. Bush declared a major disaster area in Gloucester, Hunterdon, Mercer, Morris, Sussex and Warren Counties. This opened the door for federal aid for homeowners and businesses. Persons could get grants for temporary housing and to clean and rebuild their homes. Homeowners and businesses were now eligible for low interest loans to cover uninsured property losses and other federally funded programs.

Hunterdon County was the hardest hit of all of the New Jersey counties with Lambertville Borough the hardest hit municipality. The rain began falling around Midnight EST on the 2nd and fell heavy at times from the middle of the morning into the evening. Lighter rain and/or drizzle fell through the rest of the night and ended during the morning of the 3rd. Storm totals averaged three inches. About 1,100 people were evacuated from every municipality along the Delaware River except for West Amwell Township. Tributaries to the Delaware River also flooded. Inland, flooding also occurred along the branches of the Raritan River. Five homes were destroyed, about one hundred forty-five homes and businesses suffered major damage and about another five hundred homes

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--	---------------------------------------	--------------------

## NEW JERSEY, South and Northwest

and businesses suffered some damage. Lambertville, Frenchtown, Stockton and Milford Boroughs were affected the most by the flooding along the Delaware River. In Lambertville, the Delaware River merged with the Delaware and Raritan Canal. Swan Creek also flooded. Flood waters ripped through the first floor of the Justice Complex and ruined some court records. About 200 homes were damaged as first floor flooding occurred. South Union Street and Lambert Lane were hit the hardest. In Frenchtown Borough about 50 homes suffered substantial damage as did the borough's post office. It was expected to be closed for one to two months. The sewage treatment plant was also damaged. Four hundred feet of River Road was washed away. New Jersey State Route 29 between Frenchtown and Lambertville was closed. In Stockton, the locks in the canal at Prallsville Mills broke and sent Delaware River water into the borough. Five homes on Mill Street were condemned as the water blew out some back doors. Fifteen to twenty families had to wait for repairs before returning to their homes. In Alexandria Township, mudslides tore down trees and wires. In Kingwood Township, sheds were ripped from their foundations. Docks and canoes floated downstream. The Musconetcong River also flooded along the Hunterdon and Warren County border. In the Delaware River itself, flooding at the Treasure Island Boy Scout Camp forced the closure of the facility for the year. Electrical transformers and interior buildings were ruined. Many of the free bridges across the Delaware River were closed on the third and did not re-open until the 6th. In downtown Clinton, flooding along the South Branch of the Raritan River flooded the Hunterdon Museum of Art.

The Delaware River at Riegelsville (Bucks County) crested at an estimated 34.07 feet at 6 a.m. EDT on the 4th. This was also the third highest crest on record and the highest crest since August 20, 1955. It was above its 22 foot flood stage from 1201 a.m. EDT on the 3rd through 1141 a.m. EDT on the 5th. The Delaware River at Frenchtown was above its 16 foot flood stage from 8 a.m. EDT on the 3rd through 636 a.m. EDT on the 5th. It crested at 22.55 feet at 8 a.m. EDT on the 4th. This was the third highest crest on record and the highest since August 20, 1955. The Delaware River at Stockton was above its 18 foot flood stage from 3 a.m. EDT on the 3rd through 645 a.m. EDT on the 5th. It crested at 26.75 feet at 11 a.m. EDT on the 4th. This was the second highest crest on record and the highest since August 20, 1955. The Delaware River at the New Hope/Lambertville Bridge was above its 13 foot flood stage from 846 a.m. EDT on the 3rd through 814 a.m. EDT on the 5th. It crested at 19.17 feet at 11 a.m. EDT on the 4th. This was the third highest crest on record and the highest since August 20, 1955. The South Branch of the Raritan River at High Bridge was above its 10 foot flood stage from 718 p.m. EST on the 2nd through 907 a.m. EDT on the 3rd. It crested at 10.71 feet at 315 a.m. EDT on the 3rd. Farther downstream, the South Branch of the Raritan at Stockton was above its 8 foot flood stage from 6 p.m. EST on the 2nd through 357 p.m. EDT on the 3rd. It crested at 10.10 feet at 11 p.m. EST on the 2nd.

Specific storm totals included 3.92 inches in Califon, 3.62 inches in Flemington, 3.26 inches in Milford and 2.20 inches in East Amwell Township.

The flooding heavy rain was caused by a low pressure system that moved from the southern Gulf Coast States on the morning of April 1st northeast to the eastern Tennessee Valley during the evening of the 1st, to far western Virginia just after Midnight EST on the 2nd, into central Virginia at 7 a.m. EST on the 2nd, near Washington, D.C. at 1 p.m. EST on the 2nd, near Lancaster, Pennsylvania at 7 p.m. EST on the 2nd, near Scranton, Pennsylvania at 1 a.m. EST on the 3rd, over the Finger Lakes in New York at 8 a.m. EDT on the 3rd and into eastern Lake Ontario at 2 p.m. EDT on the 3rd. The strong southeast flow preceding the low pressure system was able to entrain Atlantic Ocean moisture in addition to the Gulf of Mexico moisture into the system. The southeast flow also was ideal for orographic lifting in the Poconos and other higher terrain. The flooding was exacerbated by the already wet soil conditions due to heavy rain on both March 23rd and 28th. In addition, along the Delaware River, snowmelt in the upper basin in New York State and because the New York City Delaware County, New York reservoirs were already at capacity added to the flooding.

NJZ017

### **Gloucester**

**02 1938EST**  
**04 1500EST**

**0 0 400K Flood**

For the second time within seven months a greater than 50-year storm affected the Delaware River Basin and its tributaries. In all, about 6,000 persons were evacuated along the Delaware and Passaic River Basins in New Jersey with about 3,200 homes damaged. New Jersey Acting Governor Richard J. Codey declared a state of emergency on April 3rd. In Gloucester County, most of the problems occurred along tributaries to the Delaware River as the combination of the heavy rain and the impeded runoff because of the higher than normal Delaware River caused flooding. Rain started late in the evening on the 1st and continued throughout the day on the 2nd. The rain fell at its heaviest during the afternoon of the 2nd. The rain tapered off to some spottier light rain or drizzle during the evening and overnight and ended during the morning on the 3rd. Storm totals averaged between 2 and 3 inches and included 2.85 inches in West Deptford.

In Logan Township, U.S. Route 130 and a few other tidal related roads were closed. In Greenwich Township, several residents were evacuated after the Delaware River rose higher than the floodgates. In West Deptford Township, the Woodbury Creek flooded the Willow Trailer Park. Six families were evacuated. Tidal flooding problems persisted through the daytime high tide on the 4th. In addition to the Delaware River flooding, the Raccoon Creek also flooded. The Raccoon Creek at Swedesboro was above its 13 foot flood stage from 738 p.m. EST on the 2nd through 650 a.m. EDT on the 3rd. It crested at 13.77 feet at 1115 p.m. EST on the 2nd.

On April 19th, President George W. Bush declared a major disaster area in Gloucester, Hunterdon, Mercer, Morris, Sussex and Warren Counties. This opened the door for federal aid for homeowners and businesses for federal aid. Persons could get grants for

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## NEW JERSEY, South and Northwest

temporary housing and to clean and rebuild their homes. Homeowners and businesses were now eligible for low interest loans to cover uninsured property losses and other federally funded programs.

The flooding heavy rain was caused by a low pressure system that moved from the southern Gulf Coast States on the morning of April 1st northeast to the eastern Tennessee Valley during the evening of the 1st, to far western Virginia just after Midnight EST on the 2nd, into central Virginia at 7 a.m. EST on the 2nd, near Washington, D.C. at 1 p.m. EST on the 2nd, near Lancaster, Pennsylvania at 7 p.m. EST on the 2nd, near Scranton, Pennsylvania at 1 a.m. EST on the 3rd, over the Finger Lakes in New York at 8 a.m. EDT on the 3rd and into eastern Lake Ontario at 2 p.m. EDT on the 3rd. The strong southeast flow preceding the low pressure system was able to entrain Atlantic Ocean moisture in addition to the Gulf of Mexico moisture into the system. The southeast flow also was ideal for orographic lifting in the Poconos and other higher terrain. The flooding was exacerbated by the already wet soil conditions due to heavy rain on both March 23rd and 28th. In addition, along the Delaware River, snowmelt in the upper basin in New York State and because the New York City Delaware County, New York reservoirs were already at capacity added to the tidal flooding problems at the lower part of the river.

**NJZ001**

**Sussex**

**02 2125EST**  
**05 0335EST**

**0**

**0**

**1.1M**

**Flood**

For the second time within seven months a greater than 50-year storm affected the Delaware River Basin and its tributaries. But, this time flooding also extended into the Passaic River Basin. In all, about 6,000 persons were evacuated along the Delaware and Passaic River Basins in New Jersey with about 3,200 homes damaged. New Jersey Acting Governor Richard J. Codey declared a state of emergency on April 3rd. Many homes and businesses that were flooded because of the remnants of Hurricane Ivan along the Delaware River, were flooded again. The crests along the Delaware River were even higher than in September 2004 and were the highest crests since 1955. In many places, it was the second or third highest crest on record for the Delaware River. In Sussex, Warren, Hunterdon, Mercer and Morris Counties, about 1,800 homes and businesses were flooded, 25 homes were destroyed. Many of the homes and businesses that were flooded, had flooding into the first floor of their dwellings. About 4,000 people were evacuated from the five counties. Shelters were opened in schools, fire houses and churches. Both the Red Cross and Salvation Army assisted with the evacuations and distributing food and drinks. Many major roads were closed. A dozen low-lying bridges from Trenton north were closed and damaged by the flooding. Total statewide damage from this storm was estimated at \$52 million dollars. The worst damage was reported in Lambertville (Hunterdon County) and Trenton (Mercer County). Miraculously there were no deaths or major injuries.

Residents and businesses found raw sewage that backed into water-logged cellars. Many furnaces, water heaters, electrical panels, washing machines and dryers were destroyed. In many places, everything that was stored below ground level was destroyed. The flood waters dislodged propane and oil tanks. Some basements were contaminated with oil. First floor damage included ruined hardwood floors, furniture, carpeting, vinyl flooring and dry walls. The homes that were greatly affected had their electricity and gas service turned off and in many instances had to get the former replaced. Private wells had to be tested for contamination.

The heavy rain loosened the ground and caused trees to be knocked down and carried down river along with waste receptacles, propane tanks and beer kegs. As river levels rose, they damaged the low-lying bridges across the Delaware River. Damage to the bridges was estimated at \$1.5 million with the greatest damage and longest closure to the Washington Crossing Bridge between Bucks and Mercer Counties.

On April 19th, President George W. Bush declared a major disaster area in Gloucester, Hunterdon, Mercer, Morris, Sussex and Warren Counties. This opened the door for federal aid for homeowners and businesses. Persons could get grants for temporary housing and to clean and rebuild their homes. Homeowners and businesses were now eligible for low interest loans to cover uninsured property losses and other federally funded programs.

In Sussex County, rain began falling around Midnight EST on the 2nd and fell heavy at times during the afternoon and early evening. Lighter rain and/or drizzle fell through the rest of the night and ended during the morning of the 3rd. Storm totals averaged three to four inches. The hardest hit townships were Montague and Sandyston Townships along the Delaware River. Two homes in each township were destroyed. All inhabitants of Mashipacong Island in Montague Township were evacuated. Other residents along the Delaware River were also evacuated in Montague and Sandyston Townships. The Dingman's Ferry Bridge between Layton (Sandyston Township) and Pike County was closed. Flooding problems also occurred in Byram, Hardyston and Stillwater Townships. A voluntary evacuation was suggested for residents in Hardyston and Franklin Townships after the Summit Lake Dam was found to be leaking. The dam did not fail. Numerous basements were flooded in Newton and Lubbers Run flooded in Byram Township. Numerous roads throughout the county were closed. In addition to the destroyed homes, four homes in the county suffered major damage while 62 other suffered minor damage.

The Delaware River at Montague crested at 31.69 feet on the 3rd, the third highest crest on record and the highest crest since August 19, 1955. Farther downstream, the Delaware River at Tocks Island (Warren County) crested at 32.35 feet at 10 p.m. EDT on the 3rd, the second highest on record since August 19, 1955. The river was above its 21 foot flood stage from 1202 a.m. EST on the 3rd

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--	---------------------------------------	--------------------

## NEW JERSEY, South and Northwest

through 435 a.m. EDT on the 5th. Specific storm totals included 4.12 inches in Wantage, 3.70 inches in Andover, 3.21 inches in Newton and 2.66 inches in Sussex. The Flat Brook at Flatbrookville was above its 7 foot flood stage from 925 p.m. EST on the 2nd through 440 p.m. EDT on the 3rd. It crested at 7.27 feet at 615 a.m. EDT on the 3rd.

The flooding heavy rain was caused by a low pressure system that moved from the southern Gulf Coast States on the morning of April 1st northeast to the eastern Tennessee Valley during the evening of the 1st, to far western Virginia just after Midnight EST on the 2nd, into central Virginia at 7 a.m. EST on the 2nd, near Washington, D.C. at 1 p.m. EST on the 2nd, near Lancaster, Pennsylvania at 7 p.m. EST on the 2nd, near Scranton, Pennsylvania at 1 a.m. EST on the 3rd, over the Finger Lakes in New York at 8 a.m. EDT on the 3rd and into eastern Lake Ontario at 2 p.m. EDT on the 3rd. The strong southeast flow preceding the low pressure system was able to entrain Atlantic Ocean moisture in addition to the Gulf of Mexico moisture into the system. The southeast flow also was ideal for orographic lifting in the Poconos and other higher terrain. The flooding was exacerbated by the already wet soil conditions due to heavy rain on both March 23rd and 28th. In addition, along the Delaware River, snowmelt in the upper basin in New York State and because the New York City Delaware County, New York reservoirs were already at capacity added to the flooding.

**NJZ007**

**Warren**

**02 2301EST**  
**05 1041EST**

**0 0 2.5M Flood**

For the second time within seven months a greater than 50-year storm affected the Delaware River Basin and its tributaries. But, this time flooding also extended into the Passaic River Basin. In all, about 6,000 persons were evacuated along the Delaware and Passaic River Basins in New Jersey with about 3,200 homes damaged. New Jersey Acting Governor Richard J. Codey declared a state of emergency on April 3rd. Many homes and businesses that were flooded because of the remnants of Hurricane Ivan along the Delaware River, were flooded again. The crests along the Delaware River were even higher than in September 2004 and were the highest crests since 1955. In many places, it was the second or third highest crest on record for the Delaware River. In Sussex, Warren, Hunterdon, Mercer and Morris Counties, about 1,800 homes and businesses were flooded, 25 homes were destroyed. Many of the homes and businesses that were flooded, had flooding into the first floor of their dwellings. About 4,000 people were evacuated from the five counties. Shelters were opened in schools, fire houses and churches. Both the Red Cross and Salvation Army assisted with the evacuations and distributing food and drinks. Many major roads were closed. A dozen low-lying bridges from Trenton north were closed and damaged by the flooding. Total statewide damage from this storm was estimated at \$52 million dollars. The worst damage was reported in Lambertville (Hunterdon County) and Trenton (Mercer County). Miraculously there were no deaths or major injuries.

Residents and businesses found raw sewage that backed into water-logged cellars. Many furnaces, water heaters, electrical panels, washing machines and dryers were destroyed. In many places, everything that was stored below ground level was destroyed. The flood waters dislodged propane and oil tanks. Some basements were contaminated with oil. First floor damage included ruined hardwood floors, furniture, carpeting, vinyl flooring and dry walls. The homes that were greatly affected had their electricity and gas service turned off and in many instances had to get the former replaced. Private wells had to be tested for contamination.

The heavy rain loosened the ground and caused trees to be knocked down and carried down river along with waste receptacles, propane tanks and beer kegs. As river levels rose, they damaged the low-lying bridges across the Delaware River. Damage to the bridges was estimated at \$1.5 million with the greatest damage and longest closure to the Washington Crossing Bridge between Bucks and Mercer Counties.

On April 19th, President George W. Bush declared a major disaster area in Gloucester, Hunterdon, Mercer, Morris, Sussex and Warren Counties. This opened the door for federal aid for homeowners and businesses. Persons could get grants for temporary housing and to clean and rebuild their homes. Homeowners and businesses were now eligible for low interest loans to cover uninsured property losses and other federally funded programs.

In Warren County, rain began falling around Midnight EST on the 2nd and fell heavy at times from the middle of the morning into the evening. Lighter rain and/or drizzle fell through the rest of the night and ended during the morning of the 3rd. Storm totals averaged four inches. About 1,350 people were evacuated from every municipality along the Delaware River as well as along the U.S. Route 46 corridor. U.S. Route 46 was closed for days. Most people were able to return to their homes on the 4th. Others had to wait for inspections to deem their homes and utilities safe. Knowlton and Harmony Townships along the Delaware River suffered the most monetary damage. County officials declared a state of emergency for municipalities along the Delaware River. But flooding extended farther inland as the Musconetcong, Paulins Kill, and Pequest Rivers all flooded. Fourteen homes in the county were destroyed, one hundred ninety-two suffered major damage, one hundred twenty-five homes suffered minor damage and another eighty-four had water in their basements. The Easton-Phillipsburg Bridge was closed from the 3rd through the 7th and suffered some superficial damage. In Harmony Township, about 350 people were evacuated. Several trailers were displaced from their foundations. A few families will be displaced for weeks. The Town of Phillipsburg evacuated about 500 persons.

The Delaware River at Tocks Island crested at 32.35 feet at 10 p.m. EDT on the 3rd, the second highest on record since August 19,

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## NEW JERSEY, South and Northwest

1955. The river was above its 21 foot flood stage from 1202 a.m. EST on the 3rd through 435 a.m. EDT on the 5th. The Delaware River at Belvidere crested at 27.24 feet at 315 a.m. EDT on the 4th. It was the third highest crest on record and highest crest since August 19, 1955. It was above its 22 foot flood stage from 853 a.m. EDT on the 3rd through 712 p.m. EDT on the 4th. The Delaware River at Easton (Northampton County) crested at an estimated 36.5 feet on April 4th, also the third highest crest on record and the highest since August 19, 1955. Flood stage is 22 feet. The Delaware River at Riegelsville (Bucks County) crested at an estimated 34.07 feet at 6 a.m. EDT on the 4th. This was also the third highest crest on record and the highest crest since August 20, 1955. It was above its 22 foot flood stage from 1201 a.m. EDT on the 3rd through 1141 a.m. EDT on the 5th.

Specific storm totals included 4.20 inches in Columbia, 4.12 inches in Stewartsville and Blairstown, 3.69 inches in Bloomsbury, 2.89 inches in Phillipsburg and 2.70 inches in Washington Borough.

The flooding heavy rain was caused by a low pressure system that moved from the southern Gulf Coast States on the morning of April 1st northeast to the eastern Tennessee Valley during the evening of the 1st, to far western Virginia just after Midnight EST on the 2nd, into central Virginia at 7 a.m. EST on the 2nd, near Washington, D.C. at 1 p.m. EST on the 2nd, near Lancaster, Pennsylvania at 7 p.m. EST on the 2nd, near Scranton, Pennsylvania at 1 a.m. EST on the 3rd, over the Finger Lakes in New York at 8 a.m. EDT on the 3rd and into eastern Lake Ontario at 2 p.m. EDT on the 3rd. The strong southeast flow preceding the low pressure system was able to entrain Atlantic Ocean moisture in addition to the Gulf of Mexico moisture into the system. The southeast flow also was ideal for orographic lifting in the Poconos and other higher terrain. The flooding was exacerbated by the already wet soil conditions due to heavy rain on both March 23rd and 28th. In addition, along the Delaware River, snowmelt in the upper basin in New York State and because the New York City Delaware County, New York reservoirs were already at capacity added to the flooding.

**NJZ007**

**Warren**

**11 1230EST  
1600EST**

**0**

**0**

**0**

**Wildfire**

Several brush fires were started by trains running along the Norfolk Southern Line during the afternoon of the 10th. The fires occurred from Alpha west to West Portal. The fires threatened barns in the area, but no structures caught fire. The fires were extinguished by the end of the afternoon.

**NJZ018-027**

**Camden - Southeastern Burlington**

**20 0700EST  
2030EST**

**0**

**0**

**0**

**Wildfire**

A forest fire in Wharton State Forest, when discovered at about 9:00 AM EDT on the 20th, covered about 30 acres in Waterford Township in Camden County. The fire, fanned by brisk winds of 20 to 25 mph, spread to 325 acres mainly in the Camden County part of the state forest. No homes were in danger. Wind-whipped embers caused spot fires east of the Mullica River in Shamong Township (Burlington County). These were quickly extinguished. The blaze was reported to be under control at 9:30 PM EDT on the 20th. The cause of the fire was not known. It appeared to have ignited about one mile east of the raceway on Old Atsion Road. The Federal Aviation Administration (FAA) had temporary flight restrictions for three square miles of airspace around the fire. The Hammonton Airport was closed so the fire service could fly its aircraft in and out unimpeded. No rain since April 8th, low humidity levels and sporadic high winds contributed to the rapid spread of the fire. The unseasonably dry weather caused the Forestry Service to declare Stage 1 campfire restrictions in effect, with no fires on the ground unless they are in a prepared fire ring.

## NEW MEXICO, Central and North

**NMZ006>008-011-  
011>013-018-021**

**Harding - Far Northeast Plains - Westcentral Mountains - Central High Plains/Estancia Valley County - Conchas  
Lake/Guadalupe - Quay - De Baca - Curry**

**04 1456MST  
05 1905MST**

**0**

**0**

**35K**

**High Wind (G60)**

**NMZ005-007**

**Northeast Highlands - Far Northeast Plains**

**05 0200MST  
1200MST**

**0**

**0**

**Heavy Snow**

A late season upper level storm produced gusty winds and swaths of heavy snow as it moved over northern New Mexico. Gusty winds of 50-60 mph were reported at several western and central locations beginning on the afternoon of the 4th, but the main period of strong wind gusts was during the morning and afternoon of the 5th across northeast and east central New Mexico. Heaviest snow of 5-7 inches was recorded near Des Moines and Capulin in Union County where the wind and snow helped topple about 15 power poles. A truck and motor home also wrecked near Capulin in the high winds that continued into the afternoon of the 5th.

**NMZ011**

**Central High Plains/Estancia Valley County**

**08 1320MST  
1515MST**

**0**

**0**

**High Wind (G53)**

A period of gust winds was reported over the central highlands between Las Vegas and Clines Corners.

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## NEW MEXICO, Central and North

<b>NMZ004&gt;005</b>		<b>Sangre De Cristo Mountains - Northeast Highlands</b>							
	<b>10</b>	<b>0100MST 0800MST</b>			<b>0</b>	<b>0</b>			<b>Heavy Snow</b>
A storm brought heavy snow to the far northern mountains of north central New Mexico. The northern border areas reported 5-12 inches between Costilla and Raton while Sugarite Canyon State Park northeast of Raton had 10 inches.									
<b>Valencia County</b>									
15 E Los Lunas	16	1406MST			0	0			Funnel Cloud
<b>Bernalillo County</b>									
10 SE Albuquerque Intl A	16	1409MST			0	0			Funnel Cloud
<b>Bernalillo County</b>									
6 SE Albuquerque Intl A	16	1418MST	0.1	30	0	0			Tornado (F0)
<b>Bernalillo County</b>									
Albuquerque	16	1425MST			0	0			Hail(0.75)
<b>Bernalillo County</b>									
Albuquerque Intl Arpt	16	1435MST 1438MST			0	0			Hail(1.00)
<b>Bernalillo County</b>									
6 NW Albuquerque Intl	16	1445MST			0	0			Hail(1.00)
<b>Sandoval County</b>									
4 W Placitas	16	1530MST			0	0			Hail(0.88)
A storm that formed southeast of Belen in Valencia County moved north along the western slopes of the Manzano Mountains producing several leading edge funnel clouds. One funnel appeared to make a brief touch down as the storm passed north into Bernalillo County southeast of the Albuquerque International Airport. An axis of larger hail moved northwest over the airport and into northwest sections of Albuquerque.									
<b>Socorro County</b>									
10 WSW Bernardo	17	1333MST	0.1	30	0	0			Tornado (F0)
A strong storm produced a brief landspout over open desert.									
<b>Chaves County</b>									
15 SW Roswell	17	1443MST			0	0			Funnel Cloud
<b>Chaves County</b>									
Hagerman	17	1510MST			0	0			Hail(0.75)
<b>Chaves County</b>									
25 WSW Roswell	17	1520MST			0	0			Funnel Cloud
<b>Chaves County</b>									
Lake Arthur	17	1546MST			0	0			Hail(0.75)
A storm southwest of Roswell produced a swath of small hail and several funnel clouds.									
<b>Rio Arriba County</b>									
San Juan Pueblo	17	1550MST			0	0			Hail(0.75)
<b>De Baca County</b>									
18 NNE Ft Sumner	17	1609MST			0	0			Hail(1.75)
<b>De Baca County</b>									
4 NE Ft Sumner to 5 NE Ft Sumner	24	1715MST 1730MST			0	0			Hail(0.75)
A storm northeast of Fort Sumner produced a swath of small hail that covered the ground to a depth of 3 inches.									

## NEW MEXICO, South Central and Southwest

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## NEW MEXICO, Southeast

### Eddy County

9 N Artesia to  
15 NE Carlsbad

17 1530MST 1710MST 0 0 70K 25K Hail(1.75)

Numerous reports of golfball size hail were received as an isolated supercell storm propagated southeast over portions of northern Eddy County during the late afternoon and early evening hours of the 17th. The swath of damaging hail began at the Eddy and Chaves County line nine miles north of Artesia along New Mexico Highway 351, and ended as the storm weakened over rural northeastern Eddy County.

The most significant damage was reported between Artesia and the Eddy and Chaves County line. At least four residences suffered roof damage and broken windows. Four vehicles also were heavily damaged, including a New Mexico State Police cruiser and a welding truck.

Several reports indicated that the duration of hail fall exceeded thirty minutes at some homesteads. Hail accumulated to depths of eight inches at some locales along the storm's path. Traffic along U.S. Highway 285 and New Mexico Highway 351 was reportedly at a stand still in the wake of the storm as hail covered the driving surfaces and created hazardous driving conditions.

### Eddy County

9 N Artesia

17 1535MST 1600MST 0 0 20K 75K Hail(2.50)

A resident along the Eddy and Chaves County line, near the intersection of North 13th Street and Pearson Road, reported that occasional hen egg to tennis ball size hail accompanied the storm. The homestead suffered "extensive" damage, both structural and to several vehicles. The hail was, at times, wind driven by severe thunderstorm wind gusts. This resulted in the loss of all northward facing windows. The roof of the residence was severely damaged. Crop damage on the property also was reported to be "extensive"

### Eddy County

9 N Artesia

17 1540MST 0 0 0 0 Thunderstorm Wind (G57)

Severe thunderstorm winds accompanied the giant hail at a homestead located on the Eddy and Chaves County line. Rural residents estimated the peak wind gusts to be near 65 MPH. These winds drove very large hail horizontally which resulted in the loss of northward facing windows in the home and in several vehicles. Significant damage was not otherwise directly attributed to the severe winds.

### Eddy County

3 S Carlsbad Arpt to  
Whites City

17 1815MST 1846MST 0 0 0 0 Hail(1.75)

A second supercell storm developed over southern Eddy County. This storm resulted in large hail over the area from just south of the Carlsbad Airport to Whites City. Public reports from Whites City indicated that golfball size hail covered the ground. No significant damage was reported.

Two isolated supercell thunderstorms resulted in very large hail over the plains of Eddy County during the late afternoon and evening of the 17th. The first storm propagated southeast out of Chaves County. This storm slowly moved southeast over portions of northern Eddy County and resulted in nearly two hundred thousand dollars worth of damage to vehicles, homes, and crops. Due to the storm's slow movement, hail up to the size of golfballs persisted for up to half an hour in some locations. Wind driven tennis ball size hail produced "extensive" damage to a farm on the Eddy and Chaves County line north of Artesia. The storm eventually weakened in rural northeastern Eddy County.

Another supercell developed over southern Eddy County. This storm resulted in large hail ranging in size from pennies to golfballs from just south of the Carlsbad Airport to Whites City. No significant damage was reported with this storm.

## NEW YORK, Central

### NYZ045

#### Chenango

01 0000EST 0 0 500K Flood  
06 0735EST

A strong Atlantic coast storm brought heavy rain with amounts between 1 and 3 inches on the 28th. In addition snowmelt was causing elevated river flows before the rain started late on the 27th. Water equivalent of the snowmelt was a few more inches. The Susquehanna River at Bainbridge went briefly below flood stage of 13 feet on the 31st before rising again. Temperatures in the 50s on the 31st caused added snowmelt rising the river. Another slow moving storm from the Ohio Valley brought 2 to 3 inches of rain on April 2nd and 3rd. By the time the river fell below flood stage most of the snow had melted. This additional rain and snowmelt caused the river to rise rapidly to a crest of 20.47 feet at 4:15 AM on April 4th. This was the 6th highest crest at Bainbridge for almost the last 100 years. The river fell below flood stage the morning of April 6th

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## NEW YORK, Central

NYZ056

### Broome

01 0000EST  
06 2025EST

0 0 1M Flood

The Susquehanna River at Conklin continued above its flood stage of 11 feet into April. This high water was due to 1 to 3 inches of rain and more snowmelt the last week of March. A slow moving storm from the Ohio Valley brought 2 to 3 inches of rain on April 2nd and 3rd. In addition several inches of water equivalent added to the runoff by snowmelt. Little snow was left after the storm. This additional rain and snowmelt caused the Susquehanna River at Conklin to rise rapidly to a second higher crest of 18.08 feet at 9 AM EST on April 3rd. This was the 8th highest crest at Conklin. The river fell below flood stage the evening of April 6th. 200 families flooded.

NYZ045

### Chenango

01 0000EST  
05 0730EST

0 0 1M Flood

The Chenango River at Sherburne rose above flood stage late on March 31st. The rise was due to rain that fell on March 28th and increasing snowmelt leading up to the 31st. The water equivalent of the snow amounted to several inches. A slow moving storm from the Ohio Valley brought 2 to 3 inches of rain on April 2nd and 3rd. By the time the river fell below flood stage most of the snow had melted. This additional rain and snowmelt caused the river to rise to a crest of 10.78 feet at 2:30 AM on April 3th. This was the 2nd highest flood crest at Sherburne. The river fell below flood stage the morning of April 5th. Many streets and basements flooded in Sherburne and Norwich.

NYZ044

### Cortland

01 0000EST  
06 1600EST

0 0 12M Flood

The Tioughnioga River at Cortland rose above flood stage of 8 feet late on March 31st. The rise was due to rain that fell on March 28th and increasing snowmelt leading up to the 31st. The water equivalent of the snow amounted to several inches. A slow moving storm from the Ohio Valley brought 2 to 3 inches of rain on April 2nd and 3rd. By the time the river fell below flood stage on the 6th, most of the snow had melted. This additional rain and snowmelt caused the river to rise to a crest of 14.07 feet at 2:00 PM EST on April 3th. This was a record flood crest at Cortland. The previous flood of record was 13.82 feet in 1950. Hundreds of buildings were flooded. Hardest hit were Cortland, Cortlandville, and Marathon. State Route 11 in Marathon was closed due to the flooding. Buildings there were flooded to the first floor.

NYZ056

### Broome

01 0000EST  
06 1504EST

0 0 1M Flood

A slow moving storm from the Ohio Valley brought 2 to 3 inches of rain on April 2nd and 3rd. Before this storm, river levels were already above its 18 foot flood stage due to a previous rainstorm March 28th and snowmelt. By the time the river fell below flood stage most of the snow had melted. The Susquehanna River at Vestal crested at 28.87 feet at 5:45 PM EST on April 3rd, then fell back below flood stage on the 6th. This was the 2nd highest flood crest at Vestal. 250 families in Endwell were displaced by the flood. Endwell Mobile Home Park flooded to first floors.

NYZ055

### Tioga

01 0000EST  
07 1153EST

0 0 1M Flood

A slow moving storm from the Ohio Valley brought 2 to 3 inches of rain on April 2nd and 3rd. Before this storm, the Susquehanna River at Waverly, NY / Sayre, PA was already above its 11 foot flood stage due to a previous rainstorm March 28th and snowmelt. By the time the river fell below flood stage most of the snow had melted. The Susquehanna River at Waverly, NY / Sayre, PA crested at 20.88 feet at 12:00 AM EST on April 4th, then fell back below flood stage on the 7th. This was the 3rd highest flood crest. In Owego, Riverview Manor nursing home was evacuated when the basement flooded. The kitchen was in the basement. Electricity, phones, water, and sewer all had to be shut off. 72 residents were put into other facilities. A man in Barton had a heart attack while cleaning his flooded basement.

NYZ057

### Delaware

02 1315EST  
03 1903EST

0 0 500K Flood

A slow moving storm from the Ohio Valley brought 2 to 3 inches of rain on April 2nd and 3rd. Also most of the snow had melted due to mild temperatures and several inches of rain the week before. This additional rain caused the Beaver Kill at Cooks Falls to rise rapidly to a crest of 18.97 feet at 2:00 AM EST on April 3rd. Flood stage is 10 feet. This was a record flood at Cooks Falls. It beat the previous record flood crest from 1933 by over a foot.

Sullivan County  
Countywide

02 1700EST  
03 0700EST

0 0 10M Flash Flood

A slow moving storm from the Ohio Valley brought 2 to 4 inches of rain on April 2nd and 3rd. Before this storm, the rivers and streams had high flows due to a previous rainstorm March 28th and snowmelt. The hardest hit areas due to the flash flooding were Livingston Manor, Roscoe, and Jeffersonville, but all towns were affected. All streams and creeks flooded. Buildings, roads, and bridges damaged.



# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
<b><u>NEW YORK, Central</u></b>							
<b>NYZ057 Delaware</b>							
	02	1729EST			0	0	500K Flood
	03	1109EST					
A slow moving storm from the Ohio Valley brought 2 to 4 inches of rain on April 2nd and 3rd. Before this storm, the rivers had high flows due to a previous rainstorm March 28th and snowmelt. By the time the river fell below flood stage most of the snow had melted. The East Branch of the Delaware River at Fishs Eddy rose to its flood stage of 15 feet on the 2nd, crested at 22.49 feet at 2:00 AM on the 3rd, then fell back below flood stage that same morning. This was the second highest flood of record and the highest in over 100 years.							
<b>NYZ017 Southern Cayuga</b>							
	02	1900EST			0	0	100K Flood
	09	0935EST					
A slow moving storm from the Ohio Valley brought 1 to 3 inches of rain on April 2nd and 3rd. Before this storm, the rivers had high flows due to a previous rainstorm March 28th and snowmelt. By the time the river fell below flood stage most of the snow had melted. The Owasco Lake Outlet at Auburn rose to its flood stage of 5 feet the evening of the 2nd, crested at 8.27 feet at 8:15 AM on the 4th, then fell back below flood stage on the 9th.							
<b>Delaware County Countywide</b>							
	02	1900EST			0	0	2M Flash Flood
	03	0700EST					
A slow moving storm from the Ohio Valley brought 2 to 4 inches of rain on April 2nd and 3rd. Before this storm, the rivers and streams had high flows due to a previous rainstorm March 28th and snowmelt. The hardest hit areas were in the southern part of the county. Many roads and bridges damaged. For a few hours State Route 17, which is to become Interstate 86, was closed in both directions.							
<b>Broome County Countywide</b>							
	02	1900EST			2	0	1M Flash Flood
	03	0700EST					
A slow moving storm from the Ohio Valley brought 1 to 4 inches of rain on April 2nd and 3rd. Before this storm, the rivers and streams had high flows due to a previous rainstorm March 28th and snowmelt. A man drove his van into a flooded road next to the Oquaga Creek in the village of Deposit and the town of Sanford. The vehicle was swept downstream. The man, a passenger, and a dog all drowned. All towns were affected in the county by flash flooding. Roads, bridges and buildings were damaged. Numerous creeks and streams were out of their banks. M55VE, M62VE							
<b>Otsego County Countywide</b>							
	02	1900EST			0	0	500K Flash Flood
	03	0700EST					
A slow moving storm from the Ohio Valley brought 1 to 3 inches of rain on April 2nd and 3rd. Before this storm, the rivers and streams had high flows due to a previous rainstorm March 28th and snowmelt. All towns were affected in the county by flash flooding. Numerous streams and creeks came out of their banks. Roads, bridges and buildings were damaged. The worst hit area was Worcester.							
<b>Chenango County Countywide</b>							
	02	1900EST			0	0	1M Flash Flood
	03	0700EST					
A slow moving storm from the Ohio Valley brought 1 to 4 inches of rain on April 2nd and 3rd. Before this storm, the rivers and streams had high flows due to a previous rainstorm March 28th and snowmelt. All towns were affected in the county by flash flooding. Roads, bridges and buildings were damaged. Numerous creek and streams came out of their banks.							
<b>Tioga County Countywide</b>							
	02	1900EST			0	0	500K Flash Flood
	03	0700EST					
A slow moving storm from the Ohio Valley brought 1 to 4 inches of rain on April 2nd and 3rd. Before this storm, the rivers and streams had high flows due to a previous rainstorm March 28th and snowmelt. All towns were affected in the county by flash flooding. Roads, bridges and buildings were damaged. Numerous creeks and streams were out of their banks.							
<b>NYZ056&gt;057 Broome - Delaware</b>							
	02	1920EST			0	0	1M Flood
	04	2150EST					
A slow moving storm from the Ohio Valley brought 2 to 4 inches of rain on April 2nd and 3rd. Before this storm, the rivers had high flows due to a previous rainstorm March 28th and snowmelt. By the time the river fell below flood stage most of the snow had melted. The West Branch of the Delaware River at Hale Eddy rose to its flood stage of 11 feet the evening of the 2nd, crested at 14.12 feet at 4:00 AM on the 3rd, then fell back below flood stage on the 4th. For a few hours State Route 17, which is to become Interstate 86, was closed in both directions between Deposit and Hancock.							

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b><u>NEW YORK, Central</u></b>									
<b>Cortland County</b>									
Countywide	02 03	1930EST 0700EST			0	0	3M		Flash Flood
A slow moving storm from the Ohio Valley brought 1 to 4 inches of rain on April 2nd and 3rd. Before this storm, the rivers and streams had high flows due to a previous rainstorm March 28th and snowmelt. All towns were affected in the county by flash flooding. Otter Creek caused significant flooding. Numerous other streams and creeks also came out of their banks. Roads, bridges and buildings were damaged.									
<b>Tompkins County</b>									
Countywide	02 03	1930EST 0700EST			0	0	200K		Flash Flood
A slow moving storm from the Ohio Valley brought 1 to 4 inches of rain on April 2nd and 3rd. Before this storm, the rivers and streams had high flows due to a previous rainstorm March 28th and snowmelt. All towns were affected in the county by flash flooding. Roads, bridges and buildings were damaged. The Taughannock Creek caused significant flooding. Other creeks and streams also came out of their banks. McLean and Groton were the hardest hit.									
<b>Cayuga County</b>									
South Portion	02 03	1930EST 0700EST			0	0	100K		Flash Flood
A slow moving storm from the Ohio Valley brought 1 to 3 inches of rain on April 2nd and 3rd. Before this storm, the rivers and streams had high flows due to a previous rainstorm March 28th and snowmelt. All towns were affected in the county by flash flooding. Roads, bridges and buildings were damaged. The hardest hit areas from the flash flooding were in the southern quarter of the county. Several streams and creeks came out of their banks.									
<b>Seneca County</b>									
Countywide	02 03	1930EST 0600EST			0	0	50K		Flash Flood
A slow moving storm from the Ohio Valley brought 1 to 4 inches of rain on April 2nd and 3rd. Before this storm, the rivers and streams had high flows due to a previous rainstorm March 28th and snowmelt. There was some road closures and flooded basements. 1 road and 1 bridge were damaged. The hardest hit areas were Waterloo and Seneca Falls. Streams and creeks were out of their banks.									
<b>NYZ062</b>									
Sullivan	02 04	1945EST 0700EST			0	0	1M		Flood
A slow moving storm from the Ohio Valley brought 2 to 4 inches of rain on April 2nd and 3rd. Before this storm, the rivers had high flows due to a previous rainstorm March 28th and snowmelt. By the time the river fell below flood stage most of the snow had melted. The Delaware River at Callicoon rose to its flood stage of 12 feet the evening of the 2nd, crested at 17.97 feet at 8:00 AM on the 3rd, then fell back below flood stage the morning of the 4th. This was the flood of record. The next highest crest was 17.33 feet from the remnants of hurricane Ivan the previous September.									
<b>Chemung County</b>									
Countywide	02 03	2000EST 0400EST			0	0	100K		Flash Flood
A slow moving storm from the Ohio Valley brought 1 to 4 inches of rain on April 2nd and 3rd. Before this storm, the rivers and streams had high flows due to a previous rainstorm March 28th and snowmelt. There was some road closures and flooded basements. Several streams and creeks came out of their banks.									
<b>Steuben County</b>									
Southeast Portion	02 03	2000EST 0400EST			0	0	50K		Flash Flood
A slow moving storm from the Ohio Valley brought 1 to 4 inches of rain on April 2nd and 3rd. Before this storm, the rivers and streams had high flows due to a previous rainstorm March 28th and snowmelt. There was some road closures and flooded basements. Most of the damage occurred in East and South Corning, Campbell, Lindley, and Prattsburg. Streams and creeks flooded.									
<b>Schuyler County</b>									
Beaver Dams	02 03	2000EST 0500EST			0	0	50K		Flash Flood
A slow moving storm from the Ohio Valley brought 1 to 4 inches of rain on April 2nd and 3rd. Before this storm, the rivers and streams had high flows due to a previous rainstorm March 28th and snowmelt. There was some road closures and flooded basements. A few streams and creeks came out of their banks.									
<b>Yates County</b>									
Countywide	02 03	2000EST 0600EST			0	0	100K		Flash Flood
A slow moving storm from the Ohio Valley brought 1 to 4 inches of rain on April 2nd and 3rd. Before this storm, the rivers and									

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b><u>NEW YORK, Central</u></b>									
<b>Madison County</b>									
<b>Lebanon to Hamilton</b>	<b>02 03</b>	<b>2000EST 0600EST</b>			<b>0</b>	<b>0</b>	<b>100K</b>		<b>Flash Flood</b>
streams had high flows due to a previous rainstorm March 28th and snowmelt. There was some road closures. The areas affected the most were Jerusalem, Italy, Penn Yan, and Dundee. Several streams and creeks came out of their banks.									
<b>NYZ056</b>									
<b>Broome</b>	<b>02 05</b>	<b>2004EST 1437EST</b>			<b>0</b>	<b>0</b>	<b>1M</b>		<b>Flood</b>
A slow moving storm from the Ohio Valley brought 1 to 4 inches of rain on April 2nd and 3rd. Before this storm, the rivers and streams had high flows due to a previous rainstorm March 28th and snowmelt. There was some road closures and flooded basements in the towns of Lebanon and Hamilton. A few roads and a bridge were damaged. Creeks, streams, and the headwaters of the Chenango River were all out of their banks.									
<b>NYZ044</b>									
<b>Cortland</b>	<b>02 03</b>	<b>2005EST 1916EST</b>			<b>0</b>	<b>0</b>	<b>5M</b>		<b>Flood</b>
A slow moving storm from the Ohio Valley brought 2 to 3 inches of rain on April 2nd and 3rd. Before this storm, river levels were elevated due to a previous storm March 28th and snowmelt. By the time the river fell below flood stage most of the snow had melted. The Chenango River at Chenango Forks rose to its 10 foot flood stage late on the 2nd, crested at 14.34 feet at 1:22 PM on April 3rd, then fell back below flood stage on the 6th. This was the 4th highest flood crest at Chenango Forks. Many houses and businesses were flooded.									
<b>NYZ046-057</b>									
<b>Otsego - Delaware</b>	<b>02 05</b>	<b>2052EST 0715EST</b>			<b>0</b>	<b>0</b>	<b>150K</b>		<b>Flood</b>
A slow moving storm from the Ohio Valley brought 2 to 3 inches of rain on April 2nd and 3rd. Before this storm, river levels were elevated due to a previous storm March 28th and snowmelt. By the time the river fell below flood stage most of the snow had melted. The Otsego River at Cincinnatus rose to its 9 foot flood stage late on the 2nd, crested at 10.43 feet at 1:31 AM EST on April 3rd, then fell back below flood stage on the 3rd. This was the 5th highest flood crest at Cincinnatus. Most of Cincinnatus was flooded. The school received \$1 million in damages when the basement had 6 to 7 feet of water.									
<b>Onondaga County</b>									
<b>East Syracuse to Manlius</b>	<b>02 03</b>	<b>2100EST 0600EST</b>			<b>0</b>	<b>0</b>	<b>50K</b>		<b>Flash Flood</b>
A slow moving storm from the Ohio Valley brought 1 to 3 inches of rain on April 2nd and 3rd. Before this storm, the rivers and streams had high flows due to a previous rainstorm March 28th and snowmelt. There was some road closures and flooded basements in DeWitt, East Syracuse, Manlius, and La Fayette. Streams and creeks came out of their banks including Butternut Creek.									
<b>Oneida County</b>									
<b>Kirkland</b>	<b>02 03</b>	<b>2100EST 0000EST</b>			<b>0</b>	<b>0</b>	<b>5K</b>		<b>Flash Flood</b>
A slow moving storm from the Ohio Valley brought 1 to 4 inches of rain on April 2nd and 3rd. Before this storm, the rivers and streams had high flows due to a previous rainstorm March 28th and snowmelt. The Oriskany Creek overflowed its banks onto Kirkland Avenue near State Route 5.									
<b>NYZ045</b>									
<b>Chenango</b>	<b>02 05</b>	<b>2118EST 0643EST</b>			<b>0</b>	<b>0</b>	<b>1M</b>		<b>Flood</b>
A slow moving storm from the Ohio Valley brought 2 to 3 inches of rain on April 2nd and 3rd. Before this storm, river levels were elevated due to a previous storm March 28th and snowmelt. By the time the river fell below flood stage most of the snow had melted. The Chenango River at Greene rose to its 13 foot flood stage late on the 2nd, crested at 18.47 feet at 12:20 PM on April 3rd, then fell back below flood stage on the 5th. This was the 2nd highest flood crest at Greene. Homes, businesses, and roads were flooded all along the Chenango River.									
<b>NYZ018</b>									
<b>Onondaga</b>	<b>02 03</b>	<b>2259EST 1322EST</b>			<b>0</b>	<b>0</b>	<b>50K</b>		<b>Flood</b>
A slow moving storm from the Ohio Valley brought 1 to 3 inches of rain on April 2nd and 3rd. Before this storm, the rivers had high flows due to a previous rainstorm March 28th and snowmelt. By the time the river fell below flood stage most of the snow had melted. The Onondaga Creek at Syracuse rose to its flood stage of 5 feet the evening of the 2nd, crested at 5.12 feet at 2:17 AM on									

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## NEW YORK, Central

the 3rd, then fell back below flood stage later that same day.

**NYZ062**

**Sullivan**

**02 2301EST**  
**04 0708EST**

**0**

**0**

**1M**

**Flood**

A slow moving storm from the Ohio Valley brought 2 to 4 inches of rain on April 2nd and 3rd. Before this storm, the rivers had high flows due to a previous rainstorm March 28th and snowmelt. By the time the river fell below flood stage most of the snow had melted. The Delaware River at Barryville rose to its flood stage of 17 feet the evening of the 2nd, crested at an estimated 24.80 feet at 9:00 AM on the 3rd, then fell back below flood stage the morning of the 4th. This was the second highest flood of record and the highest in almost 50 years.

**NYZ024**

**Chemung**

**02 2332EST**  
**03 1245EST**

**0**

**0**

**50K**

**Flood**

A slow moving storm from the Ohio Valley brought 2 to 3 inches of rain on April 2nd and 3rd. Before this storm, the Chemung River had high flows due to a previous rainstorm March 28th and snowmelt. By the time the river fell below flood stage most of the snow had melted. The Chemung River at Elmira rose to its flood stage of 12 feet late on the 2nd, crested at 12.93 feet at 4:45 AM EST on April 3rd, then fell back below flood stage midday on the 3rd.

**NYZ045>046**

**Chenango - Otsego**

**03 0110EST**  
**04 1223EST**

**0**

**0**

**100K**

**Flood**

A slow moving storm from the Ohio Valley brought 1 to 3 inches of rain on April 2nd and 3rd. Before this storm, the rivers had high flows due to a previous rainstorm March 28th and snowmelt. By the time the river fell below flood stage most of the snow had melted. The Unadilla River at Rockdale rose to its flood stage of 11 feet early on the 3rd, crested at 11.83 feet at 9:45 PM on the 3rd, then fell back below flood stage midday on the 4th.

**NYZ024**

**Chemung**

**03 0338EST**  
**1957EST**

**0**

**0**

**100K**

**Flood**

A slow moving storm from the Ohio Valley brought 2 to 3 inches of rain on April 2nd and 3rd. Before this storm, the Chemung River had high flows due to a previous rainstorm March 28th and snowmelt. By the time the river fell below flood stage most of the snow had melted. The Chemung River at Chemung rose to its flood stage of 16 feet early on the 3rd, crested at 17.40 feet at 10:15 AM EST on April 3rd, then fell back below flood stage late on the 3rd.

**Broome County**

**Johnson City**

**27 1810EST**

**0**

**0**

**0**

**Hail(0.88)**

Law enforcement officials reported dime to nickle size hail with a thunderstorm.

## NEW YORK, Coastal

**Kings County**

**Countywide**

**02 0900EST**

**0**

**0**

**Heavy Rain**

**Nassau County**

**Countywide**

**02 0900EST**

**0**

**0**

**Heavy Rain**

**Queens County**

**Countywide**

**02 0900EST**

**0**

**0**

**Heavy Rain**

**Richmond County**

**Countywide**

**02 0900EST**

**0**

**0**

**Heavy Rain**

**Suffolk County**

**Countywide**

**02 0900EST**

**0**

**0**

**Heavy Rain**

**Bronx County**

**Countywide**

**02 1000EST**

**0**

**0**

**Heavy Rain**

**New York County**

**Countywide**

**02 1000EST**

**0**

**0**

**Heavy Rain**

**NYZ067>071**

**Orange - Putnam - Rockland - Northern Westchester - Southern Westchester**

**02 1000EST**  
**03 2030EST**

**0**

**0**

**17M**

**Flood**

A low pressure system developed in the Gulf Of Mexico and rapidly intensified as it moved north to northeast. The low passed over

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--	---------------------------------------	--------------------

## NEW YORK, Coastal

the Appalachian Mountains and moved slowly west of the local area during Saturday and Sunday, April 2nd and 3rd. Widespread heavy rain along with embedded heavy showers and thunderstorms occurred with this system. Storm Total Rainfall amounts ranged from around 1.00 inch on parts of Long Island to nearly 4.00 inches across parts of the Lower Hudson Valley.

During March 28th and 29th, only 3 to 5 days earlier, another low dumped 2.00 to 3.00 inches of rain across the region as it moved north to northeast along the eastern seaboard. These wet antecedent conditions primed the local area for additional widespread urban flooding with 3 to 7 inches of rain occurring in less than 5 days.

Heavy rain caused widespread urban flooding. Most small streams and rivers overflowed their banks. In addition, high wind gusts from 46 to 57 mph, associated with heavier showers, downed trees.

The Delaware River overflowed its' banks across the Port Jervis-Deer Park area of extreme Western Orange County during Sunday, April 3rd. It rose above its' flood stage of 18.0 feet around 2:30 am. The river crested at 20.53 feet at 12:15 pm, then receded below its' flood stage between 9:15 pm and 9:30 pm on April 3rd. The Orange County Office of Emergency Management reported 100 basements flooded (\$1 M) in Port Jervis and 160 houses damaged (\$16 M) in Deer Park. Port Jervis officials issued a mandatory evacuation for people living along the Delaware River. The town of Deer Park was placed under a State of Emergency

The Wallkill River at Gardiner reached its' flood stage of 13.0 feet at 3:00 am on April 3rd. It crested at 13.77 feet at 10:00 am, then receded below flood stage during the afternoon.

The Mahwah River at Suffern reached its' flood stage of 4.0 feet by 3:15 pm and crested at 5.99 feet at 9:15 pm on April 2nd. It gradually receded below flood stage by 10:45 pm on April 3rd.

Here are selected rainfall amounts for:

Orange County - from 2.00 inches at Blooming Grove to 3.80 inches at Monroe. At Port Jervis, the cooperative weather observer measured 3.24 inches. A spotter reported flooding of several streets in Greenwood Lake. A spotter reported Moodna creek overflowing its' banks in New Windsor at 2:10 pm on April 2nd.

Putnam County - 1.97 inches was measured at Carmel.

Rockland County - from 2.37 inches at Orangeburg to 3.37 inches at Stony Point.

Westchester County - from 2.25 inches at Armonk to 3.52 inches at Yorktown Heights.

New York City - from 1.24 inches at JFK Airport in Queens to 2.08 inches at Parkchester in the Bronx. At Central Park, 1.80 inches was measured. At LaGuardia Airport, 1.67 inches was measured.

Nassau County - from 1.15 inches at Lido Beach to 1.67 inches at Lynbrook.

Suffolk County - from 1.00 inch at Dix Hills to 1.64 inches at Shirley. At Islip McArthur Airport, 1.29 inches was measured.

Here are selected peak wind gusts for:

Orange County - from 36 mph at Montgomery Airport on April 3rd to 44 mph at Stewart Airport in Newburgh on April 2nd.

Putnam County - 30 mph at Carmel on April 2nd.

Rockland County - from 35 mph at Stony Point to 53 mph at Blauvelt on April 2nd at 11:25 pm.

Westchester County - 40 mph wind gust at Westchester County Airport in White Plains on April 2nd.

New York City - from 48 mph at Central Park at 7:42 pm to 58 mph at LaGuardia Airport at 8:36 pm on April 2nd. At JFK Airport, a 49 mph wind gust was measured at 8:44 pm on April 2nd. A spotter reported downed power lines in Far Rockaway.

Nassau County - from 38 mph at Great Neck at 7:30 pm to 44 mph at Levittown at 11:00 pm on April 2nd.

Suffolk County - from 44 mph at Islip and Riverhead between 10:00 pm and 11:00 pm to 56 mph at Kings Park and Stony Brook at 11:00 pm on April 2nd.

NYZ076

Queens

# Storm Data and Unusual Weather Phenomena

April 2005

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Number of Persons Injured	Property	Estimated Damage Crops	Character of Storm
<b><u>NEW YORK, Coastal</u></b>									
	02	1936EST			0	0			High Wind (G50)
	As a strong low pressure system moved west of the area, the Automated Surface Observing System at LaGuardia Airport measured a peak wind gust to 58 mph. Scattered power outages resulted from downed tree limbs and power lines.								
NYZ072	New York (Manhattan)								
	28	1515EST			0	2			Strong Wind
	As a shower moved east across the area, it produced a peak wind gust to 36 mph at Central Park. Two injuries resulted. A pedestrian was struck by a table blown off a roof 2 miles east of Central Park. A man was struck by debris blown off a roof 1 mile east of Central Park.								
<b><u>NEW YORK, East</u></b>									
NYZ052	Eastern Albany								
	02	1000EST 1700EST			0	0			Flood
	Bike path flooded around the 4th Street tunnel in Watervliet.								
NYZ064	Eastern Ulster								
	02	1321EST 1421EST			0	0			Flood
	In the town of High Falls, intersection of Stone Ridge Road and Route 213 under water, but bridge not under water.								
NYZ064	Eastern Ulster								
	02	1321EST 2021EST			0	0			Flood
	Springtown Road closed between Kleinkill Road and Dug Road in New Paltz due to flooding.								
NYZ038	Southern Herkimer								
	02	1336EST 2036EST			0	0			Flood
	Mud slide in the town of Cedarville.								
NYZ060	Western Columbia								
	02	1510EST 2010EST			0	0			Flood
	Claverack Creek out of its banks.								
NYZ047	Schoharie								
	02	1557EST 2257EST			0	0			Flood
	Small creeks out of banks.								
NYZ047	Schoharie								
	02	1612EST 2312EST			0	0			Flood
	Cluverwie Creek flooded.								
NYZ059	Eastern Greene								
	02	1632EST 2332EST			0	0			Flood
	Paul Saxe, Embought and Mountain Roads closed in the town of Catskill due to flooding.								
NYZ047	Schoharie								
	02 03	1725EST 0025EST			0	0			Flood
	Ely Road closed between Guinea and Spencer Roads in the town of Gilboa. Culvert washed out.								
NYZ058	Western Greene								
	02 03	1725EST 0025EST			0	0			Flood

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
<b><u>NEW YORK, East</u></b>									
			West Kill reached flood stage at 3.0 feet in Spruceton.						
NYZ064			<b>Eastern Ulster</b>						
	02	1800EST			0	0			Flood
	03	0100EST							
			State of Emergency declared throughout entire county due to widespread flooding.						
NYZ058			<b>Western Greene</b>						
	02	1915EST			0	0	2K		High Wind (G60)
		2115EST							
			Non-thunderstorm wind damage; roof blown off house in Lexington.						
NYZ058			<b>Western Greene</b>						
	02	2010EST			0	0			Flood
	03	0410EST							
			County Route 67 closed near town of Freehold.						
NYZ047			<b>Schoharie</b>						
	02	2010EST			0	0			Flood
	03	0410EST							
			Water in fields covering Route 145 in Middleburgh.						
NYZ058			<b>Western Greene</b>						
	02	2012EST			0	0			Flood
	03	0412EST							
			County Routes 77, 23C, 14, as well as State Route 23A, all closed in the town of Jewett due to flooding.						
NYZ058			<b>Western Greene</b>						
	02	2115EST			0	0			Flood
	03	0515EST							
			State Route 23A washed out in Haines Falls.						
NYZ064			<b>Eastern Ulster</b>						
	02	2130EST			0	0			Flood
	03	0540EST							
			Heavy rainfall has pushed water over roads near Blue Mountain Reservoir in Saugerties.						
NYZ061			<b>Eastern Columbia</b>						
	02	2152EST			0	0			Flood
	03	0552EST							
			Stockport Creek out of its banks in Columbiaville.						
NYZ051			<b>Western Albany</b>						
	02	2237EST			0	0			Flood
	03	0637EST							
			State Route 145 closed due to flooding on Catskill Creek in Rensselaerville.						
NYZ059			<b>Eastern Greene</b>						
	02	2325EST			0	0			Flood
	03	0725EST							
			Route 32 under water in Greenville Center.						
NYZ059			<b>Eastern Greene</b>						
	02	2325EST			0	0			Flood
	03	0725EST							
			Route 23B under water at the intersection of Corterskill Road in Leeds. Lexington Road also under water.						
NYZ063			<b>Western Ulster</b>						
	03	0310EST			0	0			Flood
		0810EST							
			Bushnellsville Creek out of its banks and Route 42 flooded in the town of Shandaken. In town of Lexington, Route 42 closed as flooding water pushed a boulder onto the road.						

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
<b><u>NEW YORK, East</u></b>									
NYZ047	<b>Schoharie</b>								
	03	0337EST 0837EST			0	0			Flood
	Because of flooding, significant evacuations at the intersection of Route 30 and Bakers Road in Middleburgh. Other evacuations throughout the county.								
NYZ064	<b>Eastern Ulster</b>								
	03	0441EST 0941EST			0	0			Flood
	Pancake Hollow Road to South Chodikee Lake Road closed due to flooding in New Paltz.								
NYZ052	<b>Eastern Albany</b>								
	03	0759EST 1259EST			0	0			Flood
	In Delmar, Kenwood Avenue closed between Glendale and Adams Plaza due to being flooded.								
NYZ060	<b>Western Columbia</b>								
	03	0800EST 1300EST			0	0			Flood
	The Kinderhook flooded a portion of Route 9G in Kinderhook.								
NYZ064	<b>Eastern Ulster</b>								
	03	0827EST 1327EST			0	0			Flood
	Plains Road from Main Street to Locust Lane flooded in New Paltz.								
NYZ047	<b>Schoharie</b>								
	03	0941EST 1441EST			0	0	5K		Flood
	Stonethrow Road closed due to flooding in Broome Center. Bridge damaged.								
NYZ047	<b>Schoharie</b>								
	03	1041EST 1541EST			0	0			Flood
	The intersection of Route 30 and Route 145 closed by police due to flooding in Middleburgh.								
NYZ047	<b>Schoharie</b>								
	03	1049EST 1549EST			0	0			Flood
	Broome Center Road blocked by baseball to basketball size rocks, 1/2 mile from the Albany County line, in Broome Center due to flooding waters.								
NYZ047	<b>Schoharie</b>								
	03	1108EST			0	0			High Wind (G60)
	Trees down in Lexington due to non thunderstorm wind.								
NYZ063	<b>Western Ulster</b>								
	03	1226EST 1726EST			0	0			Flood
	Tractor trailer tanker floated into bridge on Rondout Creek in Kerhonkson. Many roads reported to be closed throughout Ulster County.								
NYZ038	<b>Southern Herkimer</b>								
	03	1300EST 1800EST			0	0			Flood
	Route 20 closed due to flooding near the town of West Winfield.								
NYZ038	<b>Southern Herkimer</b>								
	03	1300EST 1800EST			0	0			Flood
	Miller Mills Road closed due to flooding. Other minor flooding in basements in Columbia Center.								



# Storm Data and Unusual Weather Phenomena

April 2005

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
<b><u>NEW YORK, East</u></b>									
NYZ038	<b>Southern Herkimer</b>								
	03	1300EST 1800EST			0	0			Flood
	Roads closed due to flooding in the town of Herkimer.								
NYZ052	<b>Eastern Albany</b>								
	03	1344EST 1844EST			0	0			Flood
	Bike path from Cohoes to Menands under water.								
NYZ040	<b>Montgomery</b>								
	03	1400EST 2000EST			0	0			Flood
	The towns of Charleston, Florida and Glen in State of Emergency due to flooding.								
NYZ050	<b>Southern Saratoga</b>								
	03	1541EST 2041EST			0	0			Flood
	In Clifton Park, Riverview Road between Boyack and Van Vranken, closed due to Hudson River has overflowed into the area.								
<b><u>NEW YORK, North</u></b>									
NYZ028	<b>Eastern Clinton</b>								
	01	0400EST 1500EST			0	0	5K		Flood
	An ice jam on the Great Chazy River at Perry Mills, NY resulted in river levels exceeding flood stage. Minor flooding of low lying areas resulted.								
NYZ034>035	<b>Western Essex - Eastern Essex</b>								
	03	1000EST 2000EST			0	0	6K		Flood
	A storm system moved from Pennsylvania on April 2nd into New York State on April 3rd. Warmer air, rainfall and melting snow resulted in rising river levels. Minor flooding resulted along stretches of the Ausable River, with most of the flooding minor and impacting fields and low lying areas especially in eastern Essex county								
NYZ034>035	<b>Western Essex - Eastern Essex</b>								
	24	0800EST 2300EST			0	0	25K		Flood
	A storm system moved from the Ohio Valley on Saturday, April 23rd northeast across southern Quebec and northern New York on Sunday, April 24th. Rain spread across the area with total rainfall across Essex county of up to 2 inches. Rivers became swollen and eventually flooded. Some of the rivers that flooded were the Ausable, Bouquet and Putnam Creek. The river gauge on the Ausable River crested at 9.5 feet. Portions of local roads across the county were closed, especially in the towns of Ausable Forks, Jay and Keene. Portions of Rte 73 and county routes 8 and 9 were closed. Water flowed across portions of route 9N near New Russia. The more significant flooding occurred across the east half of the county.								
NYZ028	<b>Eastern Clinton</b>								
	24	1500EST 1900EST			0	0	1K		Flood
	A storm system moved from the Ohio Valley on Saturday, April 23rd northeast across southern Quebec and northern New York on Sunday, April 24th. Rain spread across the area with total rainfall across Clinton county of 1 to 1 1/2 inches. Rivers became swollen across the area. Minor flooding occurred along the Great Chazy River near Champlain, NY.								
NYZ034>035	<b>Western Essex - Eastern Essex</b>								
	27 28	2300EST 0400EST			0	0	2K		Flood
	A storm system in the upper Great Lakes region on Tuesday, April 26th moved east across southern Quebec during Wednesday, April 27th. Associated rainfall with this system was 1/2 to 1 inch with rises on most rivers. Minor flooding of fields and low lying areas occurred along the Ausable River during the night of April 27 into the early morning of April 28th. The river gauge on the Ausable River crested at 7.1 feet.								

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## NEW YORK, West

**NYZ001>003-003>005-007-007>008-011-013>014** **Niagara - Orleans - Monroe - Wayne - Northern Cayuga - Jefferson - Lewis - Genesee - Livingston - Ontario**

**02 2000EST 0 1 600K Flood**  
**06 1500EST**

Deep low pressure over Pennsylvania brought copious amounts of precipitation to western and central New York...falling mainly as rain across much of the area. Rainfalls totals generally ranged from two to three inches. The rain, combined with snowmelt, produced flooding. Roads were closed in Gorham, Scottsville, Newark, Williamson, Sodus and Lowville. Basement flooding was reported in Gorham and Rochester. Evacuations were necessary in some locations in Wayne county. The heavy rains produced slick roads that were blamed for numerous automobile accidents in Monroe and Wayne counties. In Murray, Orleans county, a 50-foot section of the south bank of the Erie Canal collapsed. In Ontario county, a Lyons man was treated for hypothermia after being rescued from flood waters. The man drove his ATV into 8-10" of water, however the swift current rolled the four-wheeler over and the rider was swept away. Six area creeks and rivers reached flood stage. Oatka Creek at Garbutt was above its 6' flood stage for 48 hours and crested at 7.03 feet. Black Creek at Churchville was above its 6' flood stage for 51 hours and crested at 7.76 feet. Tonawanda Creek at Batavia was above its 8' flood stage for 5 hours and crested at 9.10 feet and at Rapids was above its 12' flood stage for 48 hours and crested at 13.78 feet. The Black River at Watertown was above its 10' flood stage for 53 hours and crested at 10.93 feet. The Genesee River at Avon was above its 33' flood stage for 21 hours and crested at 33.46 feet.

**NYZ001-010-019>020-085** **Niagara - Northern Erie - Chautauqua - Cattaraugus - Southern Erie**

**03 0730EST 0 2 500K 100K Heavy Snow**  
**2300EST**

Deep low pressure over Pennsylvania brought copious amounts of precipitation to western New York. West of the Genesee River the precipitation fell mainly as heavy, wet snow with eight to twelve inches reported across much of the area. Locally heavier amounts of up to two feet were reported along the ridges southeast of Lake Erie. Numerous accidents were blamed on the spring snowstorm. Tens of thousands were without power as the heavy snow downed trees, limbs and power lines. In Chautauqua county, the weight of the snow damaged vineyards, breaking vine posts and roots. In Stockton, the weight of the snow caused a barn to collapse, killing 16 head of cattle. In Niagara Falls, a large inflated golf dome collapsed under the weight of the snow. Two workers were injured. They had been inside checking for snow and water damage when the dome collapsed.

## NORTH CAROLINA, Central

**Wayne County**

**Goldsboro Arpt 02 1620EST 0 0 Thunderstorm Wind (G50)**

## NORTH CAROLINA, Central Coastal

**NCZ103**

**Eastern Dare**

**03 0100EST 0 0 Storm Surge**  
**0400EST**

Moderate sound-side flooding occurred across northern portions of the Outer Banks near Oregon Inlet during the early morning hours of Sunday, April 3rd. Highway 12 was closed for several hours with one foot of water reported over the road.

**NCZ103**

**Eastern Dare**

**15 1100EST 0 0 High Wind (G55)**  
**1300EST**

Winds gusted from 60 to 63 mph at Alligator River Bridge and Hatteras village between noon and 3 PM.

**NCZ093>095-103**

**Craven - Pamlico - Carteret - Eastern Dare**

**15 1200EST 0 0 90K Storm Surge**  
**16 1800EST**

A Noreaster affected Eastern North Carolina during the middle of the month resulting in persistent strong wind gusts measured from near 40 mph to slightly over 60 mph. This in combination with large ocean swells resulted in coastal flooding and high surf from north of Hatteras on the ocean side in Dare county, and sound-side flooding along western portions of the Pamlico sound including the Neuse and Trent Rivers, affecting Craven, Pamlico, and Eastern Carteret counties. Water level rises between 3 to 5 feet resulting in many road closures, and some property damage.

**Beaufort County**

**Bath 23 1707EST 0 0 Hail(0.75)**

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--	---------------------------------------	--------------------

## NORTH CAROLINA, Extreme Southwest

### Clay County

Hayesville	22	1200EST 1210EST			0 0	3K	Thunderstorm Wind (G65)
------------	----	--------------------	--	--	-----	----	-------------------------

A few trees and powerlines down in Hayesville area. Reported by a local newspaper.

## NORTH CAROLINA, North Coastal

### Perquimans County

Belvidere	02	1700EST			1 0	5K	Thunderstorm Wind (G50)
-----------	----	---------	--	--	-----	----	-------------------------

Large tree blown down onto Belvidere Road. The large tree fell and smashed a Ford Explorer. The force of the falling tree knocked the Ford Explorer into a light pole, killing the woman driver  
F61VE

### Northampton County

Pleasant Hill	23	1455EST			0 0		Hail(0.75)
---------------	----	---------	--	--	-----	--	------------

### Chowan County

Edenton	23	1655EST			0 0		Hail(1.00)
---------	----	---------	--	--	-----	--	------------

### Gates County

Gates	23	1700EST			0 0		Hail(0.88)
-------	----	---------	--	--	-----	--	------------

### Perquimans County

Hertford	23	1702EST			0 0		Hail(0.75)
----------	----	---------	--	--	-----	--	------------

### Perquimans County

3 E Belvidere	23	1710EST			0 0		Hail(0.75)
---------------	----	---------	--	--	-----	--	------------

### Pasquotank County

Elizabeth City	23	1715EST			0 0		Hail(0.75)
----------------	----	---------	--	--	-----	--	------------

### Camden County

3 N South Mills	23	1730EST			0 0		Hail(0.75)
-----------------	----	---------	--	--	-----	--	------------

### Pasquotank County

Elizabeth City	23	1735EST			0 0	2K	Thunderstorm Wind (G50)
----------------	----	---------	--	--	-----	----	-------------------------

Tree down on trailer on West Main Street.

## NORTH CAROLINA, Northwest and North Central

### NCZ001>003-018>019 Ashe - Alleghany - Surry - Watauga - Wilkes

03	0400EST 1800EST			0 1		High Wind (G56)
----	--------------------	--	--	-----	--	-----------------

Deep closed upper level low and associated surface low passed directly over northwest North Carolina on April 2nd. The surface low deepened significantly as it exited and headed northeast. Unusually strong low level winds developed in the deep, cyclonic flow in the storm's wake. The strongest wind gusts topped out in the 50 to 56 kt range for at least a one hour time frame. The winds caused widespread (mostly tree and powerline) damage over the favored high (cross-mountain flow) wind locations. Wet soil conditions likely aggravated the tree damage. There were also a few reports of structural damage (mainly roof and siding damage).

The injury in Wilkes Co. occurred in Traphill. A female was bruised and scratched when wind jerked open a door to her home as she turned the door knob to exit. The door being blow open quickly by the wind caused her to fall into a vehicle parked outside.

### NCZ003-019

#### Surry - Wilkes

16	0400EST 0800EST			0 0		Frost/Freeze
----	--------------------	--	--	-----	--	--------------

Cold arctic high pressure over the region allowed for clear skies and light winds, the perfect combination for cold temperatures. Sub-freezing were reported across parts of northwest North Carolina. Specific morning low temperatures for Wilkes Co. include 32 at West Jefferson and 29 in eastern Wilkes Co.; for Surry Co. include 29 at Mount Airy and 29 at King.

## NORTH CAROLINA, South Coastal

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## NORTH CAROLINA, Southwest

**NCZ033-048>053-058>059-062>063** Avery - Madison - Yancey - Mitchell - Swain - Haywood - Buncombe - Graham - Northern Jackson - Macon - Southern Jackson

02 0800EST 0 0 Winter Weather/Mix  
03 1600EST

Wet snow, heavy at times, developed in the higher elevations of the North Carolina mountains during the morning. By early evening, snowfall amounts ranged from trace amounts to 4 inches, mainly in areas above 3500 feet. By early evening, some of the highest elevations reached heavy snowfall criteria, mainly above 4000 feet. Light accumulations were reported in locations as low as 3000 feet. Meanwhile, the major valleys received mostly rain.

**NCZ033-050-052-059-063** Avery - Mitchell - Haywood - Northern Jackson - Southern Jackson

02 1700EST 0 0 Heavy Snow  
03 0200EST

Persistent snowfall resulted in heavy accumulations of wet snow in the high elevations of the North Carolina mountains, mainly in areas above 4000 feet. Accumulations were generally 4 to 6 inches, although some areas above 5000 feet received higher amounts, including 16 inches at Mount Mitchell, and 13 inches at Soco Gap. U.S. 19 and 441 were closed through the high elevations of the Balsams and Smokies. Several bicyclists were stranded in the snow in Jackson County, and had to be rescued.

**NCZ056-068** Catawba - Cleveland

02 2000EST 0 0 4K High Wind (G55)  
03 0300EST

High winds developed during the evening hours across the foothills, and far western piedmont, and continued through the overnight hours before subsiding during the pre-dawn hours. Numerous trees and power lines were blown down, resulting in quite a few power outages. At least one tree fell on a vehicle.

**NCZ033>034-049>050-052>055-064>067** Avery - Caldwell - Yancey - Mitchell - Haywood - Buncombe - McDowell - Burke - Transylvania - Henderson - Polk - Rutherford

02 2000EST 0 0 700K High Wind (G60)  
03 1100EST

High winds developed across the mountains and foothills during the evening, and continued through the overnight hours before subsiding during the late morning of the 3rd. Numerous trees, power poles, and power lines were blown down, resulting in fairly widespread power outages. The northern foothill counties appeared to be the hardest hit. In McDowell County, several homes and vehicles were damaged by falling trees. In Caldwell County, the roof of the County office building was damaged in Lenoir, and at least two homes were damaged by falling trees in the northern part of the county.

### Catawba County

Hickory 07 1755EST 0 0 Hail(0.75)

### Jackson County

Sylva 12 2055EST 0 0 Hail(0.88)

### Burke County

11 WSW Morganton 22 1420EST 0 0 5K Thunderstorm Wind (G50)  
Several trees down in the Patton Rd area. One tree fell on a mobile home.

### Cleveland County

Polkville to Shelby 22 1525EST 0 0 Thunderstorm Wind (G50)

Several trees down in Shelby, and some out in the county.

### Rowan County

Salisbury 22 1700EST 0 0 2K Thunderstorm Wind (G45)  
A tree was blown onto a power line and a second, partially rotted tree fell on a vehicle.

### Madison County

Marshall 22 2127EST 0 0 Hail(0.75)

**NCZ033-048>053-058>059-062** Avery - Madison - Yancey - Mitchell - Swain - Haywood - Buncombe - Graham - Northern Jackson - Macon

23 2100EST 0 0 Winter Weather/Mix  
24 1000EST

A late season storm brought significant snowfall to the mountains of North Carolina. Accumulations were highly variable across the area, with as much as 8 inches falling in the higher elevations. However, even locations in the lower French Broad Valley observed up to 3 inches.

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## NORTH DAKOTA, Central and West

**NDZ035**      **Burleigh**  
**08**      **1400CST**      **0**      **3**      **Wildfire**  
**1915CST**

Strong southerly winds gusting to 45 mph combine with low relative humidities and dry pastures, created red flag conditions in North Dakota. A large grass fire developed east of Wilton. The fire became very large in size, creating its own weather conditions. Winds shifted entrapping 3 rural firefighters. One firefighter suffered a broken leg while two other suffered second and third degree burns.

**Mchenry County**  
**9 NE Drake**      **17**      **2255CST**      **0**      **0**      **Hail(0.75)**  
**2258CST**

## NORTH DAKOTA, East

**NDZ014>015-026**      **Benson - Ramsey - Nelson**  
**01**      **0000CST**      **0**      **0**      **Flood**  
**30**      **2359CST**

The level of Devils Lake was frozen around 1448.00 feet MSL over the winter. After the ice came out and the spring runoff occurred, the lake level rose to about 1448.40 feet MSL. Water seepage occurred along the roadbed of North Dakota Highway 20 at three locations near St. Michael (on the Spirit Lake Nation reservation). This highway has acted like a dam to the rising waters of Devils Lake, which it was not designed for. If the road caved away, the rushing water would threaten about 15 homes in that area. Work on the Devils Lake outlet to the Sheyenne River was about 80 percent complete, and was expected to be operational by July 2005. Water continued to flow through the Jerusalem Coulee (from Devils Lake) and into Stump Lake. The lake had reportedly risen about 8.5 feet MSL in the past year, closing multiple Nelson county roads. Several farmsteads were also threatened by the rising water levels. Nelson county officials issued an Emergency Declaration on April 19th. County officials were also concerned about response times for emergency vehicles in rural areas around Stump Lake.

**NDZ016**      **Eastern Walsh**  
**01**      **0001CST**      **0**      **0**      **Flood**  
**08**      **2359CST**

By the end of March, the only snow left to melt was along the Canadian border, mostly from Langdon (ND) to Roseau (MN). The melt rate had been nearly ideal, with warm daytime highs and nights below freezing. Some late season snowstorms had hit the Canadian border region with some substantial snowfall amounts. Snow depths ranged around 20 inches at Langdon (ND), 15 inches at Pembina (ND) and Hallock (MN), and 12 inches at the Agassiz National Wildlife Refuge (MN). The snow water equivalent measured at the Agassiz Refuge was about 2.5 inches. As warmer temperatures occurred in early April, there was still a good amount of moisture left to work into the river system across northeast North Dakota and northwest Minnesota. The Red River started rising in the Oslo area in late March. The river crested around 34.2 feet between April 4th and 5th, then fell back below its moderate flood stage around April 8th. Although no flood warnings were issued for the Park or Forest Rivers, they were both high and flowing fast. Two people tried to cross a flooded bridge at the Park River park, and had their pickup truck swept away. The two occupants safely got out of the truck and the floodwaters. A suspicious death occurred along the Forest River near Warsaw. A 43 year-old man from the Warsaw area drove around several road barriers and into the flooded Forest River. His body was found near his car as the river receded. Due to the suspicious nature of this death, and the fact that the man ignored several road barriers, this death was not counted as a direct storm-related death.

**NDZ008**      **Pembina**  
**04**      **0927CST**      **0**      **0**      **Flood**  
**09**      **2359CST**

As the Pembina River began to rise in early April, a river flood warning was issued for the Pembina River at Neche. The river crested between 20 and 21 feet around April 6th, then fell back below its moderate flood stage on April 9th.

**Towner County**  
**5 NE Rocklake**      **18**      **0030CST**      **0**      **0**      **Hail(0.75)**

**Cavalier County**  
**6 S Munich**      **18**      **0100CST**      **0**      **0**      **Hail(0.75)**

**Cavalier County**  
**6 N Langdon**      **18**      **0230CST**      **0**      **0**      **Hail(0.75)**

**Walsh County**  
**3 NW Forest River**      **18**      **1627CST**      **0**      **0**      **Hail(0.88)**

**Nelson County**  
**2 S Mc Ville**      **18**      **1730CST**      **0**      **0**      **Hail(0.75)**

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## NORTH DAKOTA, East

<b>Griggs County</b>									
8 N Jessie	18	1822CST			0	0			Hail(0.75)
<b>Nelson County</b>									
3 NW Kloten	18	1843CST			0	0			Hail(0.75)
<b>Nelson County</b>									
2 SW Kloten	18	1857CST			0	0			Hail(0.75)

## OHIO, East

<b>OHZ059</b>									
<b>Belmont</b>									
02		0730EST			0	0			Flood
		0930EST							
At 730 AM, McMahon Creek overflowed near Warnock. By 742 AM, Pipe Creek flooded Rte 54 southwest of Shadyside.									
<b>Columbiana County</b>									
Lisbon	20	1636EST			0	0	5K		Thunderstorm Wind (G50)
Trees blown down at intersection of Rtes 30 and 45. Several other trees down in the townships of Hanover and Liverpool.									
<b>Tuscarawas County</b>									
6 SW New Philadelphia	20	1735EST			0	0			Thunderstorm Wind (G50)
2 trees down.									
<b>Harrison County</b>									
Bowerston	20	1805EST			0	0	6K		Thunderstorm Wind (G50)
Trees and power lines down.									

## OHIO, North

<b>OHZ011&gt;014-022&gt;023-029&gt;030-033</b>									
<b>Cuyahoga - Lake - Geauga - Ashtabula - Portage - Trumbull - Richland - Ashland - Mahoning</b>									
02		0400EST			0	0	3.6M		Winter Storm
03		1100EST							
A strong area of low pressure moved northeast from Texas to western Pennsylvania during the early morning hours of the April 2nd. Heavy wet snow fell across Northeast Ohio during the day on the 2nd, and strong winds of up to 50 mph were reported. The wet snow, in combination with strong winds, brought down many trees and power lines causing hundreds of thousands of homes to lose power. Blizzard like conditions were observed at times. The snow continued through the evening of the 2nd, and tapered off during the early morning hours of the 3rd. As the low pulled away, strong north to northwest winds developed behind the low center allowing lake effect snow to intensify around midday on the 3rd. Gusty winds to 30 mph were reported across northeast Ohio. Officially, 6.8 inches of snow fell at Cleveland Hopkins International Airport with 8.5 inches at Youngstown-Warren Regional Airport and 8.0 inches at Mansfield Lahm Airport. Some of the higher snowfall totals included; 24.1 inches at Thompson (Gauga County), 23 inches in Pierpont (Ashtabula County, and 20 inches at Dorset (Ashtabula County). During the event, hundreds of accidents were reported. Power was restored to all locations across northeast Ohio by late in the day on April 4th.									
<b>OHZ010</b>									
<b>Lorain</b>									
03		1100EST			0	0	100K		Flood
04		1500EST							
Flooding occurred along the Black River in Carlisle Township. The flooding was caused by rapidly melting snow from a late season winter storm. Homes on Woodside and Grandview Roads sustained minor damage from the flooding.									
<b>Crawford County</b>									
Bucyrus	20	0835EST			0	0			Hail(0.75)
Penny size hail was observed two miles southwest of Bucyrus.									
<b>Richland County</b>									
Shelby	20	0910EST			0	0			Hail(0.75)
Penny size hail was observed near Shelby.									
<b>Holmes County</b>									
Glenmont	20	1100EST			0	0	3K		Hail(1.00)
Penny to quarter size hail was observed.									

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Persons Injured	Estimated Damage Property	Crops	Character of Storm
<b><u>OHIO, North</u></b>									
<b>Sandusky County</b>									
<b>Gibsonburg</b>	20	1400EST			0	0			Hail(0.75)
			Penny size hail was observed.						
<b>Erie County</b>									
<b>Sandusky</b>	20	1403EST 1406EST			0	0			Hail(0.75)
			Penny size hail was observed.						
<b>Erie County</b>									
<b>Castalia</b>	20	1425EST			0	0			Hail(0.75)
			Penny size hail was observed northeast of Castalia.						
<b>Cuyahoga County</b>									
<b>Lakewood</b>	20	1438EST 1442EST			0	0			Hail(0.88)
			Nickel size hail was observed.						
<b>Lorain County</b>									
<b>Grafton</b>	20	1452EST			0	0			Hail(0.75)
			Penny size hail was observed.						
<b>Portage County</b>									
<b>Windham</b>	20	1535EST			0	0			Thunderstorm Wind (G50)
			Several trees were downed.						
<b>Erie County</b>									
<b>Huron</b>	20	1540EST			0	0			Hail(0.75)
			Penny size hail was observed.						
<b>Medina County</b>									
<b>Medina</b>	20	1540EST			0	0			Hail(0.75)
			Penny size hail was observed just southeast of Medina.						
<b>Summit County</b>									
<b>Tallmadge to     Copley</b>	20	1545EST 1630EST			0	0	2K		Thunderstorm Wind (G50)
			Thunderstorm winds downed trees in Tallmadge and Copley.						
<b>Trumbull County</b>									
<b>Newton Falls</b>	20	1545EST			0	0	2K		Thunderstorm Wind (G50)
			Thunderstorm winds downed one tree and one large limb.						
<b>Mahoning County</b>									
<b>Youngstown</b>	20	1600EST			0	0			Thunderstorm Wind (G50)
			Several large limbs were downed in Youngstown.						
<b>Wyandot County</b>									
<b>Carey</b>	20	1600EST			0	0			Hail(0.75)
			Penny size hail was observed.						
<b>Huron County</b>									
<b>Greenwich</b>	20	1620EST			0	0			Hail(0.75)
			Penny size hail was observed.						
<b>Holmes County</b>									
<b>Holmesville</b>	20	1645EST			0	0	2K		Hail(0.75)
			Penny size hail covered the ground.						
<b>Portage County</b>									
<b>Kent</b>	20	1645EST			0	0			Hail(0.88)
			Nickel size hail was observed.						
<b>Richland County</b>									
<b>Shiloh</b>	20	1658EST			0	0			Hail(0.75)
			Penny size hail was observed.						
<b>Holmes County</b>									
<b>Countywide</b>	20	1700EST			0	0	10K		Thunderstorm Wind (G50)

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--	---------------------------------------	--------------------

## OHIO, North

Thunderstorm winds downed many large tree limbs across county.

### **Hancock County**

#### **Findlay**

20 1717EST 0 0 25K Hail(1.50)  
Walnut size hail was observed near Findlay. Several vehicles were damaged.

### **Seneca County**

#### **Central Portion**

20 1730EST 0 0 Hail(0.75)  
Penny size hail was observed over the south-central portion of the county.

### **Ashland County**

#### **Ashland**

20 1735EST 0 0 Thunderstorm Wind (G50)  
Several large limbs along with a few signs were blown down just north of Ashland.

### **Wyandot County**

#### **Upper Sandusky**

20 1740EST 0 0 Hail(0.75)  
Penny size hail was observed.

**OHZ010>011-013-019-  
029>030**

**Lorain - Cuyahoga - Geauga - Huron - Richland - Ashland**

23 1200EST 0 0 2.6M Winter Storm  
25 0700EST

An unprecedented late winter storm affected portions of northern Ohio. A low pressure system over southeastern Ohio moved northeast across western Pennsylvania and into western New York State on the April 23rd. Precipitation associated with this low began as rain in northern Ohio early on the 23rd. The rain quickly transitioned to wet, heavy snow by early afternoon. As the low moved through western New York State, it turned northwest and eventually became centered to the north of Lake Erie by late on the 23rd. Wintry precipitation continued into the 24th across north-central Ohio as bands of snow rotated around the low pressure center. Lake Erie helped enhance these bands and snowfall rates at times were well in excess of an inch per hour. The snow began to taper off during the early morning hours of the 25th. During this event, heavy wet snow accumulated on trees and power lines causing several hundred thousand homes to lose power. Tree damage, especially across the eastern suburbs of Cleveland, was substantial. Hundreds of accidents were also reported during this event as the wet, heavy nature of the snow made it hard to treat roadways. Officially, 12.4 inches of snow fell at Cleveland Hopkins International Airport. Other snowfall reports included; 25.3 inches in North Royalton/Broadview Heights (Cuyahoga County), 19.8 inches at Pepper Pike (Cuyahoga County) and 21.8 inches at Thompson (Gauga County). The heavy snow fell as far south as Ashland and Richland Counties with 10.1 inches measured officially at Mansfield Lahm Airport. This snowstorm is believed to have produced the latest one inch snowfall ever in northern Ohio.

## OHIO, Northwest

### **Putnam County**

#### **2 N Columbus Grove to 1 N Columbus Grove**

20 1505EST 0 0 9K Thunderstorm Wind (G50)  
1510EST  
Three power lines and a total of 9 power poles were knocked down.

### **Paulding County**

#### **2 W Haviland**

20 1641EST 0 0 Hail(0.88)

## OHIO, Southeast

### **Athens County**

#### **Albany**

22 2310EST 0 0 5K Flash Flood  
23 0030EST  
Rains of 1.75 to 2.25 inches fell in less than 3 hours. The 24 hour amount at Athens was 2.4 inches. Small streams flooded Route 681 around Albany. No dwellings were affected.

### **Vinton County**

#### **Zaleski to Prattsville**

22 2315EST 0 0 5K Flash Flood  
23 0045EST  
Small streams, such as Wheelabout Creek, that flow into Racoon Creek overflowed onto roads. Rains of 1.75 to 2.25 inches fell in less than 3 hours. Route 50 was blocked.



# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b><u>OHIO, Southwest</u></b>									
Hamilton County Delhi	22	1850EST 1854EST			0	0	20K		Hail(1.75)
Hamilton County Cheviot	22	1852EST 1856EST			0	0	15K		Hail(1.25)
Clermont County 2 N Pt Pleasant	22	1925EST 1929EST			0	0	3K		Thunderstorm Wind (G50)
			Several trees and large limbs were downed.						
Highland County Hillsboro	22	2015EST 2019EST			0	0			Hail(0.88)
OHZ078-080	Clermont - Highland								
	22	2025EST 2040EST			0	0			Flood
Clermont County Batavia	22	2040EST 2200EST			0	0			Flash Flood
			Several roads were flooded.						
Highland County 3 S Hillsboro	22	2115EST 2300EST			0	0			Flash Flood
			A vehicle became trapped in high water on State Route 247 south of Hillsboro.						
Scioto County Whealersburg	22	2130EST 2135EST			0	0	20K		Thunderstorm Wind (G50)
			Numerous trees were knocked down from a possible downburst. Two cars also sustained significant damage from falling tree debris.						
Ross County Chillicothe	22	2131EST 2135EST			0	0	15K		Hail(1.25)
<b><u>OKLAHOMA, Eastern</u></b>									
Okfuskee County 3 W Castle	05	1406CST			0	0			Hail(0.88)
Okfuskee County 3 W Castle	05	1406CST			0	0	5K		Thunderstorm Wind (G61)
			Thunderstorm winds estimated at 70 miles an hour blew some shingles off of three homes. The wind also took the porch roof off of one of the homes.						
Osage County 2 E Shidler	05	1411CST			0	0			Hail(0.75)
Creek County 5 S Bristow	05	1415CST			0	0			Hail(0.75)
Okfuskee County 1 E Mason	05	1415CST			0	0	2K		Thunderstorm Wind (G61)
			Thunderstorm winds estimated at 70 miles an hour blew sheet metal off the roof of a barn.						
Osage County 10 W Pawhuska	05	1420CST			0	0			Hail(0.75)
Creek County 1 N Tuskegee	05	1428CST			0	0			Hail(0.75)
Okfuskee County 3 NW Okfuskee	05	1428CST			0	0			Hail(0.75)

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b><u>OKLAHOMA, Eastern</u></b>									
<b>Tulsa County</b>									
10 W Sand Spgs	05	1428CST			0	0			Hail(0.75)
<b>Creek County</b>									
Slick	05	1429CST			0	0			Hail(1.00)
<b>Okfuskee County</b>									
Weleetka	05	1450CST			0	0			Hail(0.88)
<b>Okfuskee County</b>									
Weleetka	05	1450CST			0	0			Thunderstorm Wind (G61)
Thunderstorm winds estimated at 70 miles an hour blew down a tree.									
<b>Okmulgee County</b>									
Henryetta	05	1505CST			0	0			Hail(1.50)
<b>Creek County</b>									
Mounds	05	1507CST			0	0			Hail(0.75)
<b>Okmulgee County</b>									
1 W Henryetta	05	1507CST			0	0			Hail(0.88)
<b>Okmulgee County</b>									
3 S Okmulgee	05	1511CST			0	0			Hail(1.25)
<b>Osage County</b>									
Avant	05	1515CST			0	0			Hail(1.00)
<b>Okmulgee County</b>									
Morris	05	1518CST			0	0			Hail(1.00)
<b>Tulsa County</b>									
Jenks to 7 E Tulsa	05	1525CST 1545CST			0	0	65M		Hail(3.00)
A supercell thunderstorm moved north-northeast across the central portion of Tulsa County producing a several mile wide swath of large, damaging hail. Reports of golfball or larger hail was common in a densely populated area of the county from Jenks to across the City of Tulsa. The largest hailstones reported were 3 inches in diameter. Many automobiles, homes, and businesses were damaged by the hailstorm.									
<b>Washington County</b>									
1 E Bartlesville	05	1545CST			0	0			Hail(0.88)
<b>Pittsburg County</b>									
Savanna	05	1547CST			0	0			Hail(0.88)
<b>Mcintosh County</b>									
Hitchita	05	1600CST			0	0			Hail(0.75)
<b>Washington County</b>									
9 NE Dewey	05	1600CST			0	0			Hail(0.88)
<b>Rogers County</b>									
9 WSW Claremore	05	1601CST			0	0			Hail(1.00)
<b>Tulsa County</b>									
Owasso	05	1601CST			0	0			Hail(0.75)
<b>Pittsburg County</b>									
Alderson	05	1611CST			0	0			Hail(1.00)
<b>Nowata County</b>									
4 NE Wann	05	1614CST			0	0			Hail(1.00)
<b>Muskogee County</b>									
Boynton	05	1616CST			0	0			Hail(1.25)
<b>Muskogee County</b>									
Taft	05	1633CST			0	0			Hail(1.25)

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b><u>OKLAHOMA, Eastern</u></b>									
Rogers County Oologah	05	1640CST			0	0			Hail(0.75)
Mayes County Mazie	05	1645CST			0	0			Hail(0.75)
Pittsburg County 2 SW Quinton	05	1650CST			0	0			Hail(1.00)
Muskogee County 3 N Muskogee	05	1658CST			0	0			Hail(2.50)
Nowata County 4 E Childers	05	1700CST			0	0			Hail(0.88)
Craig County 3 NW Centralia	05	1707CST			0	0			Hail(0.88)
Wagoner County 4 E Wagoner	05	1707CST			0	0			Hail(1.00)
Cherokee County 10 W Tahlequah	05	1709CST			0	0			Hail(1.00)
Haskell County Kinta	05	1715CST			0	0	5K		Thunderstorm Wind (G70)
Thunderstorm winds estimated at 80 miles an hour damaged outbuildings.									
Mayes County Salina	05	1716CST			0	0			Hail(1.00)
Latimer County 7 N Wilburton	05	1717CST			0	0			Hail(0.88)
Nickel size hail fell at Robber's Cave State Park.									
Haskell County 3 NW Kinta	05	1720CST			0	0			Hail(1.75)
Wagoner County Wagoner	05	1720CST			0	0			Hail(1.00)
Latimer County 2 W Red Oak to 1 NW Red Oak	05	1735CST 1740CST	1.5	75	0	0			Tornado (F0)
A tornado snapped and uprooted trees.									
Mayes County 3 N Locust Grove	05	1735CST			0	0			Hail(0.88)
Pushmataha County Snow	05	1735CST			0	0			Hail(0.88)
Pushmataha County Snow	05	1735CST			0	0	25K		Thunderstorm Wind (G61)
Thunderstorm winds estimated at 70 miles an hour blew some siding off a house. A tree blown down by the wind fell onto the house.									
Latimer County 3 N Red Oak to 5 NE Red Oak	05	1742CST 1750CST	2	75	0	0			Tornado (F0)
A tornado snapped and uprooted trees.									
Latimer County Wilburton	05	1749CST			0	0			Hail(0.88)
Pushmataha County 4 W Nashoba	05	1749CST			0	0			Hail(1.00)
Pushmataha County 4 W Nashoba	05	1749CST			0	0	50K		Thunderstorm Wind (G70)

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Persons Injured	Estimated Damage Property Crops	Character of Storm
<b><u>OKLAHOMA, Eastern</u></b>								
Thunderstorm winds estimated at 80 miles an hour did considerable damage just west of Nashoba. A 30 foot section of a lumber storage building was destroyed as was a garage. Numerous trees were uprooted.								
<b>Haskell County</b> 2 SE Tamaha	05	1755CST			0	0		Thunderstorm Wind (G52)
Strong thunderstorm wind snapped several large tree limbs.								
<b>Latimer County</b> Red Oak	05	1755CST			0	0		Hail(1.00)
<b>Sequoyah County</b> 3 NW Sadie to 1 W Sallisaw	05	1800CST 1815CST			0	0	100K	Thunderstorm Wind (G61)
Strong thunderstorm wind snapped large tree limbs, uprooted trees, produced minor damage to homes, and damaged small metal buildings in a several mile-wide swath from near the shoreline of Robert S. Kerr Reservoir to the west and north sides of Sallisaw. The horse track on the west side of Sallisaw sustained roof damage to the main building, which resulted in subsequent water damage as water flowed through the roof into the building. Several horse stables also sustained major damage.								
<b>Choctaw County</b> Messer	05	1806CST			0	0		Hail(1.00)
<b>Sequoyah County</b> 5 WSW Sallisaw to 3 NW Sallisaw	05	1808CST 1816CST	2.5	150	0	0	15K	Tornado (F1)
A tornado snapped a number of large trees and tree limbs, uprooted a number of large trees, severely damaged several metal barns, and snapped four power poles.								
<b>Haskell County</b> Keota	05	1820CST			0	0		Hail(0.75)
<b>Le Flore County</b> 2 S Talihina	05	1825CST			0	0		Hail(0.88)
<b>Ottawa County</b> Commerce	05	1825CST			0	0		Hail(0.88)
<b>Adair County</b> 4 E Bunch	05	1835CST			0	0		Hail(1.00)
<b>Ottawa County</b> 6 E Miami	05	1837CST			0	0		Hail(1.75)
<b>Le Flore County</b> Poteau	05	1903CST			0	0		Thunderstorm Wind (G61)
Thunderstorm winds estimated at 70 miles an hour blew down a large tree.								
<b>Sequoyah County</b> 3 SE Roland	05	1907CST			0	0		Hail(0.75)
<b>Pittsburg County</b> Kiowa	10	2010CST			0	0		Thunderstorm Wind (G57)
<b>Latimer County</b> Gowen	10	2043CST			0	0		Hail(0.75)
<b>Washington County</b> Bartlesville	10	2134CST			0	0		Hail(0.75)
<b>Le Flore County</b> Cameron	11	0315CST			0	0		Hail(0.75)
<b>Ottawa County</b> Quapaw	21	1257CST 1303CST			0	0		Hail(0.75)
<b>Wagoner County</b> 9 N Coweta	21	1839CST			0	0		Hail(0.88)
<b>Rogers County</b> 5 W Inola	21	1840CST			0	0		Hail(1.00)

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Number of Persons Injured	Estimated Damage Property Crops	Character of Storm
<b><u>OKLAHOMA, Eastern</u></b>								
<b>Rogers County</b> 3 E Inola	21	1845CST			0	0		Hail(1.75)
<b>Rogers County</b> 3 SW Inola	21	1848CST	0.1	30	0	0		Tornado (F0)
								Storm chasers witnessed a brief tornado touchdown. An NWS storm survey indicated no damage from this tornado.
<b>Mayes County</b> 3 W Mazie	21	1859CST			0	0		Hail(1.75)
<b>Rogers County</b> Tiawah	21	1900CST			0	0		Hail(4.25)
<b>Rogers County</b> 2 SW Inola	21	1908CST			0	0		Hail(1.50)
<b>Mayes County</b> Mazie	21	1912CST			0	0		Hail(1.75)
<b>Wagoner County</b> 4 N Wagoner	21	1930CST			0	0		Hail(1.00)
<b>Wagoner County</b> 6 N Wagoner	21	1930CST	0.1	30	0	0		Tornado (F0)
								A storm chaser witnessed a brief tornado touchdown. An NWS storm survey indicated no damage from this tornado.
<b>Wagoner County</b> 4 N Wagoner	21	1934CST			0	0		Thunderstorm Wind (G57)
<b>Wagoner County</b> 3 N Wagoner	21	1940CST			0	0		Hail(1.00)
<b>Delaware County</b> Bernice	21	1955CST			0	0		Hail(0.75)
<b>Pittsburg County</b> Ashland	21	2148CST			0	0		Hail(0.88)
<b>Muskogee County</b> 3 S Webbers Falls	21	2150CST			0	0		Thunderstorm Wind (G60)
								The Oklahoma mesonet site near Webbers Falls measured a 69 mile an hour wind gust.
<b>Haskell County</b> Keota	21	2210CST			0	0		Thunderstorm Wind (G52)
								Thunderstorm winds estimated at 60 miles an hour blew down large tree limbs.
<b>Haskell County</b> 4 NE Keota	21	2210CST			0	0		Thunderstorm Wind (G52)
								Thunderstorm winds estimated at 60 miles an hour blew down large tree limbs.
<b>Le Flore County</b> 3 SSW Cowlington	21	2220CST			0	0	5K	Thunderstorm Wind (G52)
								Thunderstorm winds estimated at 60 miles an hour destroyed a carport.
<b>Le Flore County</b> Cowlington	21	2221CST			0	0	15K	Thunderstorm Wind (G52)
								Thunderstorm winds estimated at 60 miles an hour blew several outbuildings over.
<b>Le Flore County</b> Shady Pt	21	2249CST			0	0		Hail(0.88)
<b>Le Flore County</b> Cameron	21	2306CST			0	0		Thunderstorm Wind (G61)
								Thunderstorm winds estimated at 70 miles an hour blew down a tree.
<b>Creek County</b> 3 WNW Bristow	25	1742CST			0	0		Hail(1.50)

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## OKLAHOMA, Eastern

Creek County Mannford	25	1748CST			0	0			Hail(1.00)
Creek County Bristow	25	1749CST			0	0			Hail(1.00)
Choctaw County Speer	25	1751CST			0	0			Hail(1.00)
Tulsa County Tulsa	25	1830CST			0	0			Hail(0.88)
Nickel size hail fell at the KOTV studio in downtown Tulsa.									
Pittsburg County 5 W Mc Alester	25	2030CST			0	0			Hail(0.75)
Pittsburg County Mc Alester	25	2037CST			0	0			Hail(1.25)
Choctaw County 9 N Boswell	25	2112CST			0	0			Hail(1.00)
Haskell County 4 S Whitefield	25	2125CST			0	0			Hail(0.75)
Haskell County 1 E Whitefield	25	2126CST			0	0			Hail(1.00)
Haskell County Stigler	25	2143CST			0	0			Hail(0.88)
Le Flore County Heavener	25	2152CST			0	0			Hail(0.88)
Choctaw County Sawyer	25	2216CST			0	0			Hail(0.88)
Muskogee County Muskogee	28	0220CST			0	0			Hail(1.00)
Delaware County Oaks	28	0223CST			0	0			Hail(1.00)
Delaware County Jay	28	0332CST			0	0			Hail(0.75)
Craig County Vinita	28	0402CST			0	0			Hail(0.75)

## OKLAHOMA, Extreme Southeast

Mccurtain County 10 NW Wright City	05	1830CST			0	0			Hail(1.00)
Hail fell in the community of Rufe.									
Mccurtain County 10 S Battiest	05	1855CST			0	0			Hail(1.75)
Hail fell at Carter Mountain.									
Mccurtain County Valliant	25	2250CST			0	0			Hail(2.00)

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## OKLAHOMA, Panhandle

OKZ001-001-001-001-  
001>002-002-002-002-  
002-002-002-002-002

Cimarron - Texas

05 1445CST 0 0 High Wind (G56)  
1930CST

Surface low pressure system developed and deepened along the lee of the Rockies which resulted in high winds during the afternoon and evening hours across the western and central Oklahoma panhandle. Wind gusts reached or exceeded 58 miles per hour at both the Boise City MesoNet located three miles south-southeast of Boise City and at the Goodwell MesoNet site located two miles east of Goodwell.

### Beaver County

Forgan 17 1843CST 0 0 Hail(1.75)

### Beaver County

Bryans Corner 17 1845CST 0 0 Hail(1.50)  
Hail greater than quarter size all over the ground.

### Beaver County

10 S Turpin 17 1905CST 0 0 Hail(0.88)

### Beaver County

Bryans Corner 17 1909CST 0 0 Hail(0.88)

### Beaver County

11 SE Beaver 17 1945CST 0 0 Hail(1.50)

Severe thunderstorms with large hail moved across the eastern Oklahoma panhandle during the evening hours. No damage or injuries were reported.

### Beaver County

2 S Gate 20 1840CST 0 0 Hail(2.50)

### Beaver County

5 S Slapout 20 1840CST 0 0 Hail(1.00)

### Beaver County

Gate 20 1845CST 0 0 Hail(1.00)

### Beaver County

2 S Gate 20 1901CST 0 0 Hail(2.50)

Associated with a second severe storms which moved over the area.

### Beaver County

Gate 20 1915CST 0 0 Hail(1.00)

Severe thunderstorms with very large hail moved across the eastern Oklahoma panhandle during the early evening hours. No damage or injuries were reported from the large hail.

## OKLAHOMA, Western, Central and Southeast

### Pontotoc County

Ada 05 1350CST 0 0 Hail(1.00)

### Seminole County

Sasakwa 05 1405CST 0 0 Hail(0.75)

### Hughes County

Holdenville 05 1410CST 0 0 Hail(0.88)

### Hughes County

Holdenville 05 1427CST 0 0 Hail(0.75)

### Hughes County

Wetumka 05 1430CST 0 0 Thunderstorm Wind (G61)

### Johnston County

Bromide 05 1440CST 0 0 Hail(0.75)

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b><u>OKLAHOMA, Western, Central and Southeast</u></b>									
<b>Johnston County</b>									
Fillmore	05	1445CST			0	0			Hail(0.88)
<b>Hughes County</b>									
Dustin	05	1450CST			0	0			Hail(1.75)
<b>Coal County</b>									
3 SSE Clarita	05	1500CST			0	0			Hail(0.75)
<b>Hughes County</b>									
5 WSW Lamar	05	1520CST			0	0			Hail(0.75)
<b>Coal County</b>									
Lehigh	05	1540CST			0	0			Hail(0.75)
<b>Bryan County</b>									
Durant	05	1545CST			0	0			Hail(0.75)
<b>Atoka County</b>									
Atoka	05	1600CST			0	0			Thunderstorm Wind (G52)
<b>Bryan County</b>									
Albany	05	1635CST			0	0			Hail(0.75)
<b>Bryan County</b>									
Albany	05	1635CST			0	0			Thunderstorm Wind (G52)
<b>McClain County</b>									
2 SSW Blanchard	10	1735CST			0	0			Hail(0.75)
<b>McClain County</b>									
4 SE Newcastle	10	1805CST			0	0			Hail(1.00)
Hail was observed on Highway 9 between May and Penn Avenue.									
<b>Cleveland County</b>									
Moore	10	1821CST			0	0			Thunderstorm Wind (G53)
The wind gust was measured near the intersection of 19th Street and SW 25th Street.									
<b>Cleveland County</b>									
Norman	10	1829CST			0	0			Hail(0.75)
Hail was observed at Highway 9 and Interstate 35.									
<b>Cleveland County</b>									
Norman	10	1841CST			0	0			Hail(0.75)
Hail was reported at the intersection of Lindsey Street and Asp Avenue.									
<b>Cleveland County</b>									
7 W Stella	10	1902CST			0	0			Hail(0.75)
Hail was observed at the Water Treatment Plant southeast of Lake Stanley Draper.									
<b>Cleveland County</b>									
Moore	10	1910CST			0	0			Thunderstorm Wind (G53)
Wind gust was measured near the intersection of 19th Street and SW 25th Street.									
<b>Cleveland County</b>									
6 WNW Stella	10	1910CST			0	0			Hail(0.88)
Hail was observed near the intersection of SE 119th Street and Anderson Road.									
<b>Bryan County</b>									
Denison Dam	10	1925CST			0	0			Hail(0.75)
<b>Atoka County</b>									
6 W Caney	10	1928CST			0	0			Hail(1.00)
Hail was reported covering the ground.									
<b>Oklahoma County</b>									
Choctaw	10	1930CST			0	0			Hail(0.75)



# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------	--------------------	---------------------------------	------------------------------	--------------------

## OKLAHOMA, Western, Central and Southeast

### Oklahoma County

**4.5 WSW Newalla to  
3.5 SW Harrah**      **10**      **1930CST  
1944CST**      **5**      **75**      **0**      **0**      **150K**      **Tornado (F1)**

The tornado touched down just inside the Oklahoma City city limits near SE 74th Street and Marianne Drive. It moved north-northeast for about 5 miles before lifting just inside or near the Harrah city limits, southwest of Reno Avenue and Peebly Road. The tornado first caused damage to an area of trees approximately 100 yards long, near SE 74th and Marianne Drive, west of Triple XXX Road. A trailer and metal barns were then damaged near SE 53rd Street and Triple XXX Road. A barn roof was later damaged near SE 29th and Triple XXX Road. As the tornado continued along its path, it downed many power lines and poles along SE 15th Street west of Peebly Road. The tornado caused the worst damage at the Hasel Farm near SE 15th Street and Peebly Road before lifting. The farm sustained damage to a barn, numerous trees were damaged or downed. Fences were also damaged when the trees fell on them.

### Atoka County

**3 SW Lane**      **10**      **2030CST**                **0**      **0**           **Hail(0.75)**

### Atoka County

**Atoka**      **11**      **0022CST**                **0**      **0**      **200K**      **Lightning**

A home was struck by lightning in the early morning hours causing a fire. The lightning struck a dryer vent in the roof which sparked an electrical fire in an inside wall that spread to the attic. It was estimated that half the house was completely burned with the rest of the home sustaining some damage.

### Coal County

**12 N Coalgate**      **11**      **0130CST**                **0**      **0**      **7.5K**      **Thunderstorm Wind (G61)**

An 18 inch diameter tree was blown onto a house causing roof damage.

### OKZ015

#### Dewey

**18**      **0005CST  
0015CST**                **0**      **0**           **High Wind (G56)**

Showers and thunderstorms moving across portions of western Oklahoma began to diminish causing wind gusts as high as 56 knots (64 mph). The wind gusts were measured by the Oklahoma mesonet station located 4 WNW of Camargo. Even though the activity was dying out which is known to cause heat bursts, there were no notable temperature changes measured at area mesonet sites.

### OKZ021-035

#### Beckham - Kiowa

**18**      **2310CST**                **0**      **0**           **High Wind (G57)**  
**19**      **0125CST**

Dying showers and thunderstorms caused a heat burst in west central Oklahoma during the overnight hours. Wind gusts were measured as high as 57 knots (66mph) at the Oklahoma mesonet site 4 miles SE of Hobart in Kiowa county. A wind gust to 52 knots (60 mph) was also measured at the mesonet site 4 miles ESE of Erick in Beckham county. As is typical of heat bursts, the mesonet sites also measured an increase in temperatures and a decrease in dewpoints during these wind gusts. The temperature near Hobart increased from 64 degrees to near 70 degrees while the dewpoint dropped 7 degrees. A larger temperature increase occurred near Erick where temperatures raised from 68 degrees to 79 degrees. No damage was reported with this heat burst.

### Beckham County

**11 SSW Erick**      **20**      **1725CST**                **0**      **0**           **Hail(0.75)**

### Harmon County

**8 NNW Hollis**      **20**      **1736CST**                **0**      **0**           **Hail(0.75)**

### Harmon County

**4 NNW Mc Knight**      **20**      **1748CST**                **0**      **0**           **Hail(0.75)**

### Harmon County

**Hollis**      **20**      **1750CST**                **0**      **0**      **10K**      **Thunderstorm Wind (G61)**

Power lines and trees were downed in town.

### Roger Mills County

**9 ENE Sweetwater**      **20**      **1813CST**                **0**      **0**      **0.10K**      **Thunderstorm Wind (G56)**

Elm tree limbs, two inches in diameter, were downed.

### Beckham County

**5 W Elk City**      **20**      **1815CST**                **0**      **0**           **Thunderstorm Wind (G52)**

### Greer County

**2 S Mangum**      **20**      **1840CST**                **0**      **0**           **Hail(0.88)**

### Jackson County

**3 N Martha**      **20**      **1855CST**                **0**      **0**           **Hail(0.75)**

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b><u>OKLAHOMA, Western, Central and Southeast</u></b>									
Custer County									
4 SSW Butler	20	1900CST			0	0			Hail(0.88)
Harper County									
9 NNW Laverne	20	1910CST			0	0			Hail(1.75)
Harmon County									
8 SE Gould	20	1915CST			0	0			Hail(0.75)
Washita County									
Burns Flat	20	1915CST			0	0			Hail(0.75)
Jackson County									
6 SW Duke	20	1920CST			0	0			Thunderstorm Wind (G61)
Harmon County									
3 E Mc Queen	20	1928CST			0	0			Hail(0.75)
									Hail was observed on Highway 62 on the Harmon-Jackson county line.
Jackson County									
5 W Duke	20	1928CST			0	0			Hail(0.75)
									Hail was observed on Highway 62 on the Jackson-Harmon county line.
Jackson County									
1 W Eldorado	20	1928CST			0	0			Hail(1.75)
Jackson County									
2 E Eldorado	20	1930CST			0	0			Thunderstorm Wind (G52)
Jackson County									
Olustee	20	1944CST			0	0			Hail(1.00)
									Hail was observed on the west side of town.
Jackson County									
7 ENE Altus	20	2005CST			0	0			Hail(0.75)
Washita County									
4 WNW Bessie	20	2010CST			0	0			Thunderstorm Wind (G55)
Kiowa County									
2 SW Snyder	20	2022CST			0	0			Hail(0.88)
Kiowa County									
2 SW Snyder	20	2029CST			0	0			Hail(0.88)
									Hail was reported on Highway 62, one mile west of the intersection with Highway 183.
Harmon County									
2 S Hollis	20	2030CST			0	0			Hail(1.00)
Comanche County									
Indiahoma	20	2054CST			0	0			Hail(0.75)
Jefferson County									
Hastings	20	2339CST			0	0			Hail(1.75)
Hughes County									
4 SW Calvin	21	2110CST			0	0			Hail(0.75)
Carter County									
3 NW Lone Grove	25	1757CST			0	0			Hail(1.00)
Carter County									
5 N Lone Grove	25	1808CST			0	0			Hail(0.88)
Murray County									
6 S Sulphur	25	1838CST			0	0			Hail(0.75)
Johnston County									
Mill Creek	25	1840CST			0	0			Hail(0.75)

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------	---------------------------------	---------------------------------	------------------------------	--------------------

## OKLAHOMA, Western, Central and Southeast

### Johnston County

2 NW Milburn to 3 NE Milburn 25 1950CST 1955CST 3 100 0 0 125K Tornado (F1)

A southeast moving thunderstorm produced a tornado near Milburn after dark. This tornado, illuminated by lightning, was seen by several people as it moved east-northeast. The tornado destroyed a small chicken coup or barn. A large tree was also snapped landing on a car, severely damaging the vehicle. Ten to fifteen large pecan trees were uprooted and partially debarked. Several of these trees were reported to be over three feet in diameter.

### Johnston County

Fillmore 25 2004CST 0 0 Hail(0.88)

## OREGON, Central and East

### ORZ049

Grand Ronde Valley 06 0745PST 0 0 High Wind (G51)

A brief wind gust of 59 MPH was recorded at Union Junction, located four miles northwest of the town of Union.

### Morrow County

Ione 23 1150PST 1400PST 0 0 2K Flash Flood

A flood control ditch was blocked in the city of Ione when a thunderstorm with heavy rain moved through the area. As a result water backed up in the streets of the downtown Ione area flooding several businesses. One business reported having at least 14 inches of water inside. No significant damage was noted at any of the businesses from the flash flood. The property damage from this event is estimated at \$2,000.

### Umatilla County

3 W Stanfield 23 1300PST 0 0 Hail(0.75)

### Umatilla County

10 SSW Hermiston 26 1300PST 1500PST 0 0 170K Flash Flood

A rupture in a retaining wall of a wastewater storage lagoon led to a dam failure which sent 77 million gallons of wastewater onto highway 207 south-southwest of Hermiston, washing out part of the road, and depositing several feet of silt on the road. A resident across the highway ended up with four feet of mud surrounding his home. The flash flood also damaged lines in the Westland Irrigation District. The storage lagoon was at around half capacity at the time of the flood.

## OREGON, Northwest

### Clackamas County

3 WNW Oregon City 22 1845PST 1915PST 0 0 Thunderstorm Wind (G60)

### Clackamas County

West Linn 22 1845PST 1915PST 0 0 Thunderstorm Wind (G60)

## OREGON, Southeast

## OREGON, Southwest

### ORZ021-021-021

South Central Oregon Coast 02 2030PST 03 0600PST 0 0 High Wind (G64)

Recorded at Cape Blanco.

A High Wind Watch was issued for this event at 02/0444 PST, but it was cancelled at 02/1455 PST and no warning was in effect during the event. It was a localized event, however, as winds at Cape Arago were well below warning criteria. Winds met warning criteria continuously at Cape Blanco from 02/2100 until 03/0600 PST. The first and last verifying observations as well as the highest sustained wind speed are listed above. The last verifying gust was also the highest one.

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## OREGON, Southwest

### ORZ021-021-021-021 South Central Oregon Coast

07 2325PST 0 0 High Wind (G70)  
08 0830PST

Recorded at Cape Blanco.

A High Wind Warning was issued for the coastal headlands of Oregon zones ORZ021/022 at 08/0045 PST, effective until 08/0800 PST. It was extended to 08/1100 PST at 08/0840 PST. It was cancelled at 08/1040 PST. The warning verified continuously from 07/2325 PST through 08/0800 PST, except possibly at 08/0700 PST. The first and last verifying observation is recorded above, along with the highest sustained wind and highest gust.

### ORZ021-021-021 South Central Oregon Coast

10 2100PST 0 0 High Wind (G59)  
11 0000PST

Recorded at Cape Blanco.

No warning was issued for this brief high wind event. The warning verified continuously from 10/2100 PST until 11/0000 PST. The first, last and maximum sustained winds are recorded above, along with the peak gust.

### Josephine County

#### Grants Pass

27 1656PST 0 0 Heavy Rain

A spotter 4 NNW of Grants Pass recorded 3.60 inches of rain in one hour ending at 1630 PDT.

### Josephine County

#### Grants Pass

27 1656PST 0 0 Heavy Rain

A spotter 2 N of Grants Pass recorded 2.00 inches of rain in one hour ending at 1630 PDT.

### Josephine County

#### Merlin

27 1656PST 0 0 Heavy Rain

A spotter 2 SSW of Merlin recorded 2.00 inches of rain in 45 minutes ending at 1655 PDT.

A Flash Flood Warning was issued for northeastern Josephine County, including the city of Grants Pass, at 27/1648 PDT effective until 27/1815 PDT. The warning was expired at 27/1814 PDT. The above reports verify that extraordinarily heavy rain (for this region) fell in the warning area. Several other reports were received indicating mud and debris on county roads and street flooding in the city of Grants Pass.

## PACIFIC

### GUZ005>006 Northern Marianas - Guam

06 0700SST 0 0 0 Volcanic Ash  
07 0000SST

Anatahan volcano, located 80 miles north of Saipan and 205 miles north-northeast of Guam, underwent a short but powerful eruption around 0130 SST the morning of April 6th, sending an ash/gas cloud up to above 50,000 feet. The ash cloud moved over Saipan and Tinian during the morning, causing twilight-like darkness until nearly 1200 SST, and depositing 2 to 3 mm of gritty black ash on both islands. Japan Air Lines and Cape Air cancelled flights into and out of Saipan, and most of the public schools sent their students home.

The cloud slowly dispersed as it continued south, leaving a trace of ash on Rota during the afternoon, and on Guam that evening.

### Micronesia

#### Pohnpei

29 1600SST 0 0 0 0 Heavy Rain  
30 1600SST

A strong and persistent trade-wind disturbance brought heavy rain to Pohnpei, totaling 8.81 inches at the airport in the 24 hours ending at 1600 SST on April 30th. There was one indirect fatality when a man in his early 40s was killed by a falling tree during the heavy rain. Since winds were light during the event, the tree must have fallen as a result of loose soil conditions and/or heavy rain loading.

## PENNSYLVANIA, Central

### PAZ056

#### Perry

02 1630EST 0 0 Flood  
2245EST

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------	--------------------	---------------------------------	------------------------------	--------------------

## PENNSYLVANIA, Central

Heavy rain caused Shermans Creek at Shermans Dale to flood. The creek exceeded flood stage of 9 feet at 16:30 EST on the 2nd, crested at 9.36 feet at 18:15 EST on the 2nd, then fell back below flood stage at 22:45 EST on the 2nd.

PAZ058>059

### Schuylkill - Lebanon

02	1700EST	0	0	Flood
03	1915EST			

A low pressure system developed along the western Gulf Coast on Friday April 1st, and then tracked northeast into southwest Pennsylvania by Saturday morning, April 2nd. The low then slowly tracked into northeast Pennsylvania by early Sunday morning on April 3rd, while deepening rapidly.

Abundant moisture drawn from both the Gulf of Mexico and Atlantic Ocean combined with the dynamics from the strengthening storm system to produce widespread heavy rainfall across the lower Susquehanna Valley during the daytime hours on Saturday. Average rainfall amounts of 1 to 3 inches occurred during this time. This heavy rainfall led to numerous road closures as smaller streams and creeks overflowed their banks during Saturday afternoon and evening.

The heavy rainfall and subsequent flooding abated during Saturday evening.

PAZ064

### Adams

02	1700EST	0	0	Flood
03	0045EST			

A low pressure system developed along the western Gulf Coast on Friday April 1st, and then tracked northeast into southwest Pennsylvania by Saturday morning, April 2nd. The low then slowly tracked into northeast Pennsylvania by early Sunday morning on April 3rd, while deepening rapidly.

Abundant moisture drawn from both the Gulf of Mexico and Atlantic Ocean combined with the dynamics from the strengthening storm system to produce widespread heavy rainfall across the lower Susquehanna Valley during the daytime hours on Saturday. Average rainfall amounts of 1 to 3 inches occurred during this time. This heavy rainfall led to numerous road closures as smaller streams and creeks overflowed their banks during Saturday afternoon and evening.

The heavy rainfall tapered off Saturday night, but subsequent flooding from runoff persisted into early Sunday morning.

PAZ056>057-063-065>066 Perry - Dauphin - Cumberland - York - Lancaster

02	1700EST	0	0	Flood
03	0930EST			

A low pressure system developed along the western Gulf Coast on Friday April 1st, and then tracked northeast into southwest Pennsylvania by Saturday morning, April 2nd. The low then slowly tracked into northeast Pennsylvania by early Sunday morning on April 3rd, while deepening rapidly.

Abundant moisture drawn from both the Gulf of Mexico and Atlantic Ocean combined with the dynamics from the strengthening storm system to produce widespread heavy rainfall across the lower Susquehanna Valley during the daytime hours on Saturday. Average rainfall amounts of 1 to 3 inches occurred during this time. This heavy rainfall led to numerous road closures as smaller streams and creeks overflowed their banks during Saturday afternoon and evening.

The heavy rainfall tapered off late Saturday night, but subsequent flooding from runoff persisted into Sunday morning.

PAZ063

### Cumberland

02	1715EST	0	0	Flood
03	2100EST			

Heavy rain caused Yellow Breeches Creek at Camp Hill to flood. The creek exceeded flood stage of 7 feet at 17:15 EST on the 2nd, crested at 8.26 feet at 00:30 EST on the 3rd, then fell back below flood stage at 21:00 EST on the 3rd.

PAZ037

### Tioga

02	1800EST	0	0	Flood
03	1915EST			

Heavy rain caused the Tioga River at Mansfield to flood. The river exceeded flood stage of 12 feet at 18:00 EST on the 2nd, crested at 12.30 feet at 18:30 EST on the 2nd, then fell back below flood stage at 19:15 EST on the 2nd.

PAZ041-046-049>052

### Northern Lycoming - Southern Lycoming - Union - Snyder - Montour - Northumberland

02	1900EST	0	0	Flood
03	1000EST			

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--	---------------------------------------	--------------------

## PENNSYLVANIA, Central

A low pressure system developed along the western Gulf Coast on Friday April 1st, and then tracked northeast into southwest Pennsylvania by Saturday morning, April 2nd. The low then slowly tracked into northeast Pennsylvania by early Sunday morning on April 3rd, while deepening rapidly.

Abundant moisture drawn from both the Gulf of Mexico and Atlantic Ocean combined with the dynamics from the strengthening storm system to produce widespread heavy rainfall across the mid Susquehanna Valley during Saturday afternoon and night. Average rainfall amounts of 2 to 4 inches occurred during this time. This heavy rainfall led to numerous road closures as smaller streams and creeks overflowed their banks during Saturday evening into Sunday morning. U.S. Route 11 was one of the major roads closed during this time between Shamokin Dam Borough in Snyder County, and Northumberland Borough in Northumberland County as a result of flooding. The road was also closed near Danville in Montour County.

In addition, the flooding led to numerous evacuations in Montour and Snyder Counties, particularly in the vicinity of Danville, as well as within the Borough of Selinsgrove Isle, where approximately 125 residents were evacuated.

The heavy rainfall tapered off late Saturday night, but subsequent flooding from runoff persisted into Sunday morning

PAZ053

### **Columbia**

**02 1900EST**  
**03 1600EST**

**0 0**

**Flood**

A low pressure system developed along the western Gulf Coast on Friday April 1st, and then tracked northeast into southwest Pennsylvania by Saturday morning, April 2nd. The low then slowly tracked into northeast Pennsylvania by early Sunday morning on April 3rd, while deepening rapidly.

Abundant moisture drawn from both the Gulf of Mexico and Atlantic Ocean combined with the dynamics from the strengthening storm system to produce widespread heavy rainfall across the mid Susquehanna Valley during the daytime hours on Saturday. Average rainfall amounts of 2 to 4 inches occurred during this time. This heavy rainfall led to numerous road closures as smaller streams and creeks overflowed their banks during Saturday afternoon and night.

The widespread flooding led to numerous evacuations in portions of Columbia County, particularly in the vicinity of Bloomsburg, where approximately 250 to 350 homes were evacuated. In addition, the Sewage Treatment Plant was shut down in Bloomsburg. Columbia County was officially declared as a Federal Disaster Area as a result of the flooding impacts from this event.

The heavy rainfall tapered off early Sunday morning, but subsequent flooding from runoff persisted into Sunday afternoon.

PAZ059

### **Lebanon**

**02 2015EST**  
**04 0500EST**

**0 0**

**Flood**

Heavy rain caused Swatara Creek at Harper Tavern to flood. The creek exceeded flood stage of 9 feet at 20:15 EST on the 2nd, crested at 11.9 feet at 13:00 EST on the 3rd, then fell back below flood stage at 05:00 EST on the 4th.

PAZ046

### **Southern Lycoming**

**03 0000EST**  
**05 0100EST**

**0 0**

**Flood**

Heavy rain caused the West Branch Susquehanna River at Montgomery to flood. The river exceeded flood stage of 17 feet at 00:00 EST on the 3rd, crested at 20.3 feet at 11:25 EST on the 3rd, then fell back below flood stage at 01:00 EST on the 5th.

PAZ063

### **Cumberland**

**03 0230EST**  
**2200EST**

**0 0**

**Flood**

Heavy rain caused Conodoguinet Creek at Hogestown to flood. The creek exceeded flood stage of 8 feet at 02:30 EST on the 3rd, crested at 8.42 feet at 12:30 EST on the 3rd, then fell back below flood stage at 22:00 EST on the 3rd.

PAZ057

### **Dauphin**

**03 0300EST**  
**04 1100EST**

**0 0**

**Flood**

Heavy rain caused Swatara Creek at Hershey to flood. The creek exceeded flood stage of 7 feet at 03:00 EST on the 3rd, crested at 8.01 feet at 22:15 EST on the 3rd, then fell back below flood stage at 11:00 EST on the 4th.

PAZ053

### **Columbia**

**03 0445EST**  
**06 1400EST**

**0 0**

**Flood**

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Persons Injured	Estimated Damage Property	Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------	--------------------	---------------------------------	-------	--------------------

## PENNSYLVANIA, Central

Heavy rain caused the Susquehanna River at Bloomsburg flood. The river exceeded flood stage of 19 feet at 04:45 EST on the 3rd, crested at 25.09 feet at 04:30 EST on the 4th, then fell back below flood stage at 14:00 EST on the 6th.

PAZ046

### **Southern Lycoming**

03 0700EST  
04 0100EST

0

0

**Flood**

Heavy rain caused the West Branch Susquehanna River at Muncy to flood. The river exceeded flood stage of 20 feet at 07:00 EST on the 3rd, crested at 20.3 feet at 10:00 EST on the 3rd, then fell back below flood stage at 01:00 EST on the 4th.

PAZ049

### **Union**

03 0700EST  
04 0300EST

0

0

**Flood**

Heavy rain caused the West Branch of the Susquehanna River at Lewisburg to flood. The river exceeded flood stage of 18 feet at 07:00 EST on the 3rd, crested at 19.4 feet at 15:45 EST on the 3rd, then fell back below flood stage at 03:00 EST on the 4th.

PAZ051>052

### **Montour - Northumberland**

03 0700EST  
06 1215EST

0

0

**Flood**

Heavy rain caused the Susquehanna River at Danville to flood. The river exceeded flood stage of 20 feet at 07:00 EST on the 3rd, crested at 24.28 feet at 08:00 EST on the 4th, then fell back below flood stage at 12:15 EST on the 6th.

PAZ057

### **Dauphin**

03 0700EST  
04 0500EST

0

0

**Flood**

Heavy rain caused Swatara Creek at Middletown to flood. The creek exceeded flood stage of 11 feet at 07:00 EST on the 3rd, crested at 12.6 feet at 19:00 EST on the 3rd, then fell back below flood stage at 05:00 EST on the 4th.

PAZ049-052

### **Union - Northumberland**

03 0730EST  
2030EST

0

0

**Flood**

Heavy rain caused the West Branch Susquehanna River at Milton to flood. The river exceeded flood stage of 19 feet at 07:30 EST on the 3rd, crested at 20.1 feet at 13:00 EST on the 3rd, then fell back below flood stage at 20:30 EST on the 3rd.

PAZ050-052

### **Snyder - Northumberland**

03 0930EST  
05 0700EST

0

0

**Flood**

Heavy rain caused the Susquehanna River at Sunbury to flood. The river exceeded flood stage of 24 feet at 09:30 EST on the 3rd, crested at 26.15 feet at 23:00 EST on the 3rd, then fell back below flood stage at 07:00 EST on the 5th.

PAZ004-024-033

### **Warren - Cambria - Somerset**

03 1300EST  
2300EST

0

0

**Heavy Snow**

A low pressure system developed along the western Gulf Coast on Friday, April 1st, and then tracked northeast into southwest Pennsylvania by Saturday morning, April 2nd. The low then slowly tracked into northeast Pennsylvania by early Sunday morning on April 3rd, while deepening rapidly. Abundant moisture, combined with colder air wrapping around the western side of the storm system, produced heavy wet snow across the western mountains of Pennsylvania from late Saturday night into Sunday afternoon. Snowfall amounts ranged from 6 to 12 inches across the region, with the greatest amounts across the higher elevations. Localized amounts in excess of one foot occurred in northern portions of Warren County.

The combination of heavy snow, along with strong northwest winds gusting up to 50 mph produced whiteout conditions at times across the higher elevations. In addition, numerous tree limbs fell due to the weight of heavy snow, some of which led to downed power lines and scattered power outages. There were also several road closures across the highest elevations due to the significant snowfall accumulations. The heavy snow tapered off to scattered snow showers and flurries by early Sunday night.

PAZ065>066

### **York - Lancaster**

03 1400EST  
06 0030EST

0

0

**Flood**

Heavy rain caused the Susquehanna River at Marietta to flood. The river exceeded flood stage of 49 feet at 14:00 EST on the 3rd, crested at 51.71 feet at 10:00 EST on the 4th, then fell back below flood stage at 00:30 EST on the 6th.

PAZ057-063

### **Dauphin - Cumberland**

03 1630EST  
05 0730EST

0

0

**Flood**

Heavy rain caused the Susquehanna River at Harrisburg to flood. The river exceeded flood stage of 17 feet at 16:30 EST on the 3rd, crested at 18.87 feet at 05:30 EST on the 4th, then fell back below flood stage at 07:30 EST on the 5th.

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## PENNSYLVANIA, Central

### Franklin County

<b>St Thomas</b>	<b>23</b>	<b>1417EST</b>			<b>0</b>	<b>0</b>			<b>Hail(1.00)</b>
------------------	-----------	----------------	--	--	----------	----------	--	--	-------------------

A thunderstorm produced quarter size /1.00 inch/ hail in St. Thomas.

## PENNSYLVANIA, East

### PAZ067

#### Chester

<b>02</b>	<b>1454EST</b>			<b>0</b>	<b>0</b>				<b>Flood</b>
<b>03</b>	<b>2012EST</b>								

Heavy rain fell across Chester County and caused widespread poor drainage flooding on the 2nd and stream and river flooding on the 2nd and 3rd. The heavy rain also loosened the soil and several trees fell down across the county. Rain started late in the evening on the 1st and continued throughout the day on the 2nd. The rain fell at its heaviest during the afternoon of the 2nd. The rain tapered off to some spottier light rain or drizzle during the evening and overnight and ended during the morning on the 3rd. Storm totals averaged between 3 and 4 inches.

Pennsylvania State Route 926 was closed in Birmingham, Pocopson and Westtown Townships. Water also washed over Pennsylvania State Route 52 near the Brandywine Creek in Pocopson and Birmingham Townships. Flooding along the Valley Creek damaged the Church Street Bridge in Tredyffrin Township. A downed tree damaged the roof and the second floor of a house in North Coventry Township.

The East Branch of the Brandywine Creek at Downingtown was above its 7 foot flood stage from 544 p.m. EST on the 2nd through 1056 a.m. EDT on the 3rd. It crested at 9.16 feet at 945 p.m. EST on the 2nd. The main stem of the Brandywine Creek at Chadds Ford was above its 9 foot flood stage from 1135 p.m. EST on the 2nd through 5 p.m. EDT on the 3rd. It crested at 9.8 feet at 627 a.m. EDT on the 3rd. The French Creek at Phoenixville was above its 8 foot flood stage from 501 p.m. EST through 1030 p.m. EST on the 2nd. It crested at 8.79 feet at 715 p.m. EST. The Valley Creek at Valley Forge was above its 7 foot flood stage from 254 p.m. EST on the 2nd through 1209 a.m. EST on the 3rd. It crested at 9.68 feet at 7 p.m. EST on the 2nd. The Schuylkill River at Pottstown (Montgomery County) was above its 13 foot flood stage from 930 a.m. EDT through 912 p.m. EDT on the 3rd. It crested at 13.41 feet at 430 p.m. EDT on the 3rd.

Specific storm totals included 4.12 inches at Valley Forge, 3.23 inches in West Chester, 3.10 inches in Glenmoore, 2.54 inches in Honey Brook and 2.44 inches in Downingtown and 2.31 inches in Longwood Gardens.

The flooding heavy rain was caused by a low pressure system that moved from the southern Gulf Coast States on the morning of April 1st northeast to the eastern Tennessee Valley during the evening of the 1st, to far western Virginia just after Midnight EST on the 2nd, into central Virginia at 7 a.m. EST on the 2nd, near Washington, D.C. at 1 p.m. EST on the 2nd, near Lancaster, Pennsylvania at 7 p.m. EST on the 2nd, near Scranton, Pennsylvania at 1 a.m. EST on the 3rd, over the Finger Lakes in New York at 8 a.m. EDT on the 3rd and into eastern Lake Ontario at 2 p.m. EDT on the 3rd. The strong southeast flow preceding the low pressure system was able to entrain Atlantic Ocean moisture in addition to the Gulf of Mexico moisture into the system. The flooding was exacerbated by the already wet soil conditions due to heavy rain on both March 23rd and 28th.

### PAZ070

#### Delaware

<b>02</b>	<b>1600EST</b>			<b>0</b>	<b>0</b>				<b>Flood</b>
<b>03</b>	<b>1600EST</b>								

Heavy rain fell across Delaware County and caused widespread poor drainage flooding on the 2nd and stream and river flooding on the 2nd and 3rd. Rain started late in the evening on the 1st and continued throughout the day on the 2nd. The rain fell at its heaviest during the afternoon of the 2nd. The rain tapered off to some spottier light rain or drizzle during the evening and overnight and ended during the morning on the 3rd. Storm totals averaged between 3 and 4 inches. The heavy rain and flooding forced the closure of Pennsylvania State Route 1 in Chadds Ford. Heavy rain also flooded Interstate 95 near the Blue Route (Interstate 476)

The main stem of the Brandywine Creek at Chadds Ford was above its 9 foot flood stage from 1135 p.m. EST on the 2nd through 5 p.m. EDT on the 3rd. It crested at 9.8 feet at 627 a.m. EDT on the 3rd. The Chester Creek at Chester was above its 8 foot flood stage from 421 p.m. EST on the 2nd through 127 a.m. EST on the 3rd. It crested at 12.20 feet at 715 p.m. EST on the 2nd. The Crum Creek at Newtown Square was above its 6 foot flood stage from 4 p.m. EST through 1118 p.m. EST on the 2nd. It crested at 9.33 feet at 745 p.m. EST on the 2nd. Specific storm totals included 3.20 inches in Chadds Ford and 2.85 inches at the Philadelphia International Airport.

The flooding heavy rain was caused by a low pressure system that moved from the southern Gulf Coast States on the morning of April 1st northeast to the eastern Tennessee Valley during the evening of the 1st, to far western Virginia just after Midnight EST on the 2nd, into central Virginia at 7 a.m. EST on the 2nd, near Washington, D.C. at 1 p.m. EST on the 2nd, near Lancaster, Pennsylvania at 7 p.m. EST on the 2nd, near Scranton, Pennsylvania at 1 a.m. EST on the 3rd, over the Finger Lakes in New York at 8 a.m. EDT on the 3rd and into eastern Lake Ontario at 2 p.m. EDT on the 3rd. The strong southeast flow preceding the low



# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--	---------------------------------------	--------------------

## PENNSYLVANIA, East

pressure system was able to entrain Atlantic Ocean moisture in addition to the Gulf of Mexico moisture into the system. The flooding was exacerbated by the already wet soil conditions due to heavy rain on both March 23rd and 28th. In addition, along the Delaware River, snowmelt in the upper basin in New York State and because the New York City Delaware County, New York reservoirs were already at capacity added to both the tidal flooding in Delaware County, Pennsylvania and more serious river flooding farther north.

PAZ068

### Montgomery

02 1600EST  
03 2012EST

0

0

Flood

Heavy rain fell across Montgomery County and caused widespread poor drainage flooding on the 2nd and stream and river flooding on the 2nd and 3rd. Rain started late in the evening on the 1st and continued throughout the day on the 2nd. The rain fell at its heaviest during the afternoon of the 2nd. The rain tapered off to some spottier light rain or drizzle during the evening and overnight and ended during the morning on the 3rd. Storm totals ranged between 2.5 and 4.5 inches. The heavy rain and flooding caused the closure of River Road near Pennsylvania State Route 309 in Fort Washington. Four roads were closed due to stream flooding in Upper Moreland Township. Several roads were also closed in Hatboro Borough. Seven gaged sites on streams and rivers flooded within the county and flooding was also reported along the Pennypack Creek.

The Schuylkill River at Pottstown was above its 13 foot flood stage from 930 a.m. EDT through 912 p.m. EDT on the 3rd. It crested at 13.41 feet at 430 p.m. EDT. The East Branch of the Perkiomen Creek at Schwenksville was above its 7 foot flood stage from 443 p.m. EST on the 2nd through 525 a.m. EDT on the 3rd. It crested at 10.42 feet at 1 a.m. EST on the 3rd. The West Branch of the Perkiomen Creek at Hillegass was above its 5 foot flood stage from 525 p.m. EST on the 2nd through 1205 a.m. EST on the 3rd. It crested at 5.28 feet at 645 p.m. EST on the 2nd. Along the main stem of the Perkiomen Creek at East Greenville, the creek was above its 4 foot flood stage from 4 p.m. EST on the 2nd through 1 a.m. EST on the 3rd. It crested at 5.98 feet at 9 p.m. EST on the 2nd. Farther downstream, at Graterford, the Perkiomen Creek was above its 11 foot flood stage from 507 p.m. EST on the 2nd through 727 a.m. EDT on the 3rd. It crested at 14.18 feet at 1 a.m. EST on the 3rd. The Wissahickon Creek at Fort Washington was above its 9 foot flood stage from 432 p.m. EST on the 2nd through 1251 a.m. EST on the 3rd. It crested at 12.62 feet at 9 p.m. EST on the 2nd. The Manatawny Creek at Pottstown was above its 6 foot flood stage from 427 p.m. EST on the 2nd through 318 p.m. EDT on the 3rd. It crested at 8.26 feet at 4 a.m. EDT on the 3rd.

Specific storm totals included 4.50 inches in Palm, 4.40 inches in Wynnewood, 3.52 inches in Pottstown, 3.35 inches in Blue Bell, 3.27 inches in Norristown, 3.00 inches in Hatboro and 2.63 inches in Eaglesville.

The flooding heavy rain was caused by a low pressure system that moved from the southern Gulf Coast States on the morning of April 1st northeast to the eastern Tennessee Valley during the evening of the 1st, to far western Virginia just after Midnight EST on the 2nd, into central Virginia at 7 a.m. EST on the 2nd, near Washington, D.C. at 1 p.m. EST on the 2nd, near Lancaster, Pennsylvania at 7 p.m. EST on the 2nd, near Scranton, Pennsylvania at 1 a.m. EST on the 3rd, over the Finger Lakes in New York at 8 a.m. EDT on the 3rd and into eastern Lake Ontario at 2 p.m. EDT on the 3rd. The strong southeast flow preceding the low pressure system was able to entrain Atlantic Ocean moisture in addition to the Gulf of Mexico moisture into the system. The flooding was exacerbated by the already wet soil conditions due to heavy rain on both March 23rd and 28th.

PAZ071

### Philadelphia

02 1622EST  
03 0554EST

0

0

Flood

Heavy rain fell across Philadelphia and caused widespread poor drainage flooding on the 2nd and stream and river flooding on the 2nd and 3rd. Rain started late in the evening on the 1st and continued throughout the day on the 2nd. The rain fell at its heaviest during the afternoon of the 2nd. The rain tapered off to some spottier light rain or drizzle during the evening and overnight and ended during the morning on the 3rd. Storm totals averaged around 3 inches with higher amounts over the source region of some of the streams in Montgomery County. The heavy rain and flooding caused the closure of Kelly Drive and Lincoln Drive along the Schuylkill River and Delaware Avenue along the Delaware River.

The Schuylkill River within Philadelphia was above its 11 foot flood stage from 9 p.m. EST on the 2nd through 1239 p.m. EDT on the 3rd. It crested at 11.74 feet at 430 a.m. EDT on the 3rd. The Pennypack Creek at the Rhawn Street Bridge was above its 7 foot flood stage from 538 p.m. EST on the 2nd through 408 a.m. EDT on the 3rd. It crested at 9.74 feet at 1245 a.m. EST on the 3rd. The Wissahickon Creek at its mouth with the Schuylkill River was above its 5 foot flood stage from 422 p.m. EST on the 2nd through 654 a.m. EDT on the 3rd. It crested at 7.81 feet at 145 a.m. EST on the 3rd. The Frankford Creek at Castor Avenue was above its 7 foot flood stage from 510 p.m. through 612 p.m. EST on the 2nd. It crested at 7.4 feet at 545 p.m. EST. The Delaware River at Pier 11 in Philadelphia caused moderate tidal flooding at the time of the evening high tide on the 2nd. The high tide reached 9.59 feet above mean lower low water at 754 p.m. EST on the 2nd and was above minor tidal flooding levels (8.2 feet above mean lower low water) from 544 p.m. EST through 1002 p.m. EST on the 2nd. Some additional minor tidal flooding occurred during the morning high tide cycle the next three mornings. Specific storm totals included 2.85 inches at the Philadelphia International Airport and 2.74 inches at the Northeast Philadelphia Airport.

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--	---------------------------------------	--------------------

## PENNSYLVANIA, East

The flooding heavy rain was caused by a low pressure system that moved from the southern Gulf Coast States on the morning of April 1st northeast to the eastern Tennessee Valley during the evening of the 1st, to far western Virginia just after Midnight EST on the 2nd, into central Virginia at 7 a.m. EST on the 2nd, near Washington, D.C. at 1 p.m. EST on the 2nd, near Lancaster, Pennsylvania at 7 p.m. EST on the 2nd, near Scranton, Pennsylvania at 1 a.m. EST on the 3rd, over the Finger Lakes in New York at 8 a.m. EDT on the 3rd and into eastern Lake Ontario at 2 p.m. EDT on the 3rd. The strong southeast flow preceding the low pressure system was able to entrain Atlantic Ocean moisture in addition to the Gulf of Mexico moisture into the system. The southeast flow also was ideal for orographic lifting in the Poconos and other higher terrain. The flooding was exacerbated by the already wet soil conditions due to heavy rain on both March 23rd and 28th. In addition, along the Delaware River, snowmelt in the upper basin in New York State and because the New York City Delaware County, New York reservoirs were already at capacity added to the flooding.

PAZ055

### **Monroe**

**02 1718EST**  
**05 0335EST**

**0 0 40M Flood**

For the second time within seven months a greater than 50-year storm affected the Delaware River Basin and its tributaries. In all, about 5,715 homes were evacuated along the Delaware and Susquehanna Rivers in Pennsylvania. Pennsylvania Ed Rendell quickly declared a state of emergency and made money available to the Pennsylvania Emergency Management for flood related needs. Many homes and businesses that were flooded because of the remnants of Hurricane Ivan, were flooded again. The crests along the Delaware River were even higher than in September 2004 and were the highest crests since 1955. In many places, it was the second or third highest crest on record for the Delaware River. In Monroe, Northampton and Bucks Counties, about 2,200 homes and businesses were flooded, 40 homes were destroyed. Many of the homes and businesses that were flooded, had flooding into the first floor of their dwellings. About 4,300 people were evacuated, with the greatest number in Bucks County. Shelters were opened in schools, fire houses and churches. Both the Red Cross and Salvation Army assisted with the evacuations and distributing food and drinks. Many major roads were closed. Some will be closed for months because of the damage. A dozen low-lying bridges from Trenton north were closed and damaged by the flooding. Many schools along river towns were closed on Monday April 4th, some also on Tuesday April 5th. The Delaware Canal took another major hit as the Delaware River merged with the canal. Damage from the remnants of Ivan and the latest storm was estimated at \$40 million dollars. In the three county area, total damage from this storm was estimated at \$120 million dollars. The worst damage was reported in Easton (Northampton County), Yardley and New Hope (Bucks County). Miraculously there were no deaths or major injuries.

Residents and businesses found raw sewage that backed into water-logged cellars. Many furnaces, water heaters, electrical panels, washing machines and dryers were destroyed. In many places, everything that was stored below ground level was destroyed. The flood waters dislodged propane and oil tanks. Some basements were contaminated with oil. First floor damage included ruined hardwood floors, furniture, carpeting, vinyl flooring and dry walls. The homes that were greatly affected had their electricity and gas service turned off and in many instances had to get the former replaced. Private wells had to be tested for contamination.

The heavy rain loosened the ground and caused trees to be knocked down and carried down river along with waste receptacles, propane tanks and beer kegs. As river levels rose, they damaged the low-lying bridges across the Delaware River. Damage to the bridges was estimated at \$1.5 million with the greatest damage and longest closure to the Washington Crossing Bridge between Bucks and Mercer Counties.

On April 15th, President George W. Bush declared a major disaster area in Northampton, Bucks and Monroe Counties. This opened the door for federal aid for homeowners and businesses. Persons could get grants for temporary housing and to clean and rebuild their homes. Homeowners and businesses were now eligible for low interest loans to cover uninsured property losses and other federally funded programs.

In Monroe County, flood damage was estimated at \$40 million dollars. Damage was concentrated in Delaware Water Gap Borough, Smithfield Township, Paradise Township, Pocono Township and Stroud Township. At the height of the flooding, 10 major roads were closed including U.S. Route 209 and Pennsylvania State Routes 611, 196, 447 and 715. People were trapped in vehicles on Pennsylvania State Route 447. Forty roads suffered some flood damage with the worst occurring along Pennsylvania State Route 611 from Delaware Water Gap to Portland Borough in Northampton County. About 300 homes and businesses were flooded, one home in the Price Landing area of Shawnee-on-Delaware was washed away. About 770 people were evacuated from resorts and homes. One of the worst damage to businesses occurred to the Caesar's Resort in Paradise Township as the Paradise Stream severely flooded 32 units of the resort and forced evacuations. Along the Delaware River, Laird Technologies was severely damaged in Delaware Water Gap and the Shawnee Inn in Smithfield Township was evacuated. The flooding Brodhead Creek damaged two holes at the Evergreen Golf Club in Analomink (Stroud Township).

The Delaware River at Tocks Island was above its 21 foot flood stage from 1202 a.m. EST on the 3rd through 435 a.m. EDT on the 5th. It crested at 32.35 feet at 10 p.m. EDT on the 3rd and was the second highest on record, only surpassed by the flooding on August 19, 1955. The Brodhead Creek at Analomink was above its 8 foot flood stage from 518 p.m. EST on the 2nd through 320 a.m. EDT on the 3rd. It crested at 10.59 feet at 930 p.m. EST on the 2nd. This was its highest crest since July 28, 1969. Farther downstream, the Brodhead Creek at Minisink Hills was above its 10 foot flood stage from 715 p.m. EST on the 2nd through 1044

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--	---------------------------------------	--------------------

## PENNSYLVANIA, East

p.m. EDT on the 4th. It crested at 20.96 feet at 1215 a.m. EDT on the 4th and was the second highest crest on record and the highest crest since August 19, 1955. The Pohopoco Creek at Kresgeville was above its 8.5 foot flood stage from 636 p.m. EST on the 2nd through 1115 a.m. EDT on the 3rd. It crested at 8.84 feet at 845 a.m. EDT on the 3rd. The Tunkhannock Creek at Long Pond was above its 5 foot flood stage from 852 a.m. EDT on the 3rd through 330 a.m. EDT on the 4th. It crested at 5.27 feet at 315 p.m. EDT on the 3rd. The Bush Kill at Shoemakers was above its 6 foot flood stage from 733 p.m. EST on the 2nd through 1022 p.m. EDT on the 3rd. It crested at 7.51 feet at 345 a.m. EDT on the 3rd and was the third highest crest on record and the highest since July 28, 1969. The Tobyhanna Creek at Blakeslee was above its 10 foot food stage from 758 p.m. EST on the 2nd through 1118 p.m. EDT on the 3rd. It crested at 13.27 feet at 630 a.m. EDT on the 3rd and was the second highest crest on record and the highest since August 19, 1955.

Rain started just around Midnight EST on the 2nd and continued throughout the day on the 2nd. It fell at its heaviest during the late afternoon and early evening. The rain ended around daybreak on the 3rd. Over the higher terrain, the precipitation changed to snow before ending. Storm totals averaged 4 to 5 inches and included 5.00 inches in Tobyhanna, 4.80 inches in Mount Pocono, 4.73 inches in East Stroudsburg, 4.44 inches in Pocono Summit, 4.35 inches in Blakeslee and 3.93 inches in Mount Pocono.

The flooding heavy rain was caused by a low pressure system that moved from the southern Gulf Coast States on the morning of April 1st northeast to the eastern Tennessee Valley during the evening of the 1st, to far western Virginia just after Midnight EST on the 2nd, into central Virginia at 7 a.m. EST on the 2nd, near Washington, D.C. at 1 p.m. EST on the 2nd, near Lancaster, Pennsylvania at 7 p.m. EST on the 2nd, near Scranton, Pennsylvania at 1 a.m. EST on the 3rd, over the Finger Lakes in New York at 8 a.m. EDT on the 3rd and into eastern Lake Ontario at 2 p.m. EDT on the 3rd. The strong southeast flow preceding the low pressure system was able to entrain Atlantic Ocean moisture in addition to the Gulf of Mexico moisture into the system. The southeast flow also was ideal for orographic lifting in the Poconos and other higher terrain. The flooding was exacerbated by the already wet soil conditions due to heavy rain on both March 23rd and 28th. In addition, along the Delaware River, snowmelt in the upper basin in New York State and because the New York City Delaware County, New York reservoirs were already at capacity added to the flooding.

PAZ060

### **Berks**

<b>02</b>	<b>1738EST</b>	<b>0</b>	<b>0</b>	<b>Flood</b>
<b>03</b>	<b>1317EST</b>			

Heavy rain fell across Berks County and the headwaters of the Schuylkill River and caused poor drainage and stream flooding. The Schuylkill River, had significant, but within bankfull rises. Flooding was worst farther east along the Delaware River. Rain started just around Midnight EST on the 2nd and continued throughout the day on the 2nd. It fell at its heaviest during the afternoon and early evening. Storm totals averaged between 3 and 4 inches. The heavy rain caused road closures in Longswamp, Topton and Union Townships in the eastern part of the county. A couple was rescued from a trapped minivan in Longswamp Township.

The Manatawny Creek at Spangsville was above its 6 foot flood stage from 538 p.m. EST on the 2nd through 217 p.m. EDT on the 3rd. It crested at 7.38 feet at 1015 p.m. EST on the 2nd. Specific storm totals included 4.05 inches in New Berlinville, 3.72 inches in Fredericksville, 3.56 inches in Douglassville, 3.46 inches in Bechtelsville, 2.62 inches in Vinemont and 2.29 inches in Reading.

The flooding heavy rain was caused by a low pressure system that moved from the southern Gulf Coast States on the morning of April 1st northeast to the eastern Tennessee Valley during the evening of the 1st, to far western Virginia just after Midnight EST on the 2nd, into central Virginia at 7 a.m. EST on the 2nd, near Washington, D.C. at 1 p.m. EST on the 2nd, near Lancaster, Pennsylvania at 7 p.m. EST on the 2nd, near Scranton, Pennsylvania at 1 a.m. EST on the 3rd, over the Finger Lakes in New York at 8 a.m. EDT on the 3rd and into eastern Lake Ontario at 2 p.m. EDT on the 3rd. The strong southeast flow preceding the low pressure system was able to entrain Atlantic Ocean moisture in addition to the Gulf of Mexico moisture into the system. The southeast flow also was ideal for orographic lifting in the Poconos and other higher terrain. The flooding was exacerbated by the already wet soil conditions due to heavy rain on both March 23rd and 28th.

PAZ062

### **Northampton**

<b>02</b>	<b>1842EST</b>	<b>0</b>	<b>0</b>	<b>40M</b>	<b>Flood</b>
<b>05</b>	<b>1041EST</b>				

For the second time within seven months a greater than 50-year storm affected the Delaware River Basin and its tributaries. In all, about 5,715 homes were evacuated along the Delaware and Susquehanna Rivers in Pennsylvania. Pennsylvania Ed Rendell quickly declared a state of emergency and made money available to the Pennsylvania Emergency Management for flood related needs. Many homes and businesses that were flooded because of the remnants of Hurricane Ivan, were flooded again. The crests along the Delaware River were even higher than in September 2004 and were the highest crests since 1955. In many places, it was the second or third highest crest on record for the Delaware River. In Monroe, Northampton and Bucks Counties, about 2,200 homes and businesses were flooded, 40 homes were destroyed. Many of the homes and businesses that were flooded, had flooding into the first floor of their dwellings. About 4,300 people were evacuated, with the greatest number in Bucks County. Shelters were opened in schools, fire houses and churches. Both the Red Cross and Salvation Army assisted with the evacuations and distributing food and drinks. Many major roads were closed. Some will be closed for months because of the damage. A dozen low-lying bridges from Trenton north were closed and damaged by the flooding. Many schools along river towns were closed on Monday April 4th, some also on Tuesday April 5th. The Delaware Canal took another major hit as the Delaware River merged with the canal. Damage from

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--	---------------------------------------	--------------------

## **PENNSYLVANIA, East**

the remnants of Ivan and the latest storm was estimated at \$40 million dollars. In the three county area total damage was estimated at \$120 million dollars. The worst damage was reported in Easton (Northampton County), Yardley and New Hope (Bucks County). Miraculously there were no deaths or major injuries.

Residents and businesses found raw sewage that backed into water-logged cellars. Many furnaces, water heaters, electrical panels, washing machines and dryers were destroyed. In many places, everything that was stored below ground level was destroyed. The flood waters dislodged propane and oil tanks. Some basements were contaminated with oil. First floor damage included ruined hardwood floors, furniture, carpeting, vinyl flooring and dry walls. The homes that were greatly affected had their electricity and gas service turned off and in many instances had to get the former replaced. Private wells had to be tested for contamination.

The heavy rain loosened the ground and caused trees to be knocked down and carried down river along with waste receptacles, propane tanks and beer kegs. As river levels rose, they damaged the low-lying bridges across the Delaware River. Damage to the bridges was estimated at \$1.5 million with the greatest damage and longest closure to the Washington Crossing Bridge between Bucks and Mercer Counties.

On April 15th, President George W. Bush declared a major disaster area in Northampton, Bucks and Monroe Counties. This opened the door for federal aid for homeowners and businesses. Persons could get grants for temporary housing and to clean and rebuild their homes. Homeowners and businesses were now eligible for low interest loans to cover uninsured property losses and other federally funded programs.

In Northampton County, municipalities along the Delaware River fared the worst with downtown areas of Easton, Portland as well as Upper and Lower Mount Bethel Townships hit the hardest. About 500 persons were evacuated throughout the county, some from the second floor of their dwellings. About 700 homes and businesses were damaged, 32 homes were destroyed, another 160 suffered major damage. Two small bridges were destroyed, 10 others (including along the Delaware River) were damaged. One park was destroyed and 16 others were damaged. Around 100 roads were damaged. Four sewer pumping stations in Easton were heavily damaged. Three culverts were destroyed and many more were damaged. One retention pond dam was damaged. Electrical and gas services were suspended in flooded areas of Easton and Portland. About 200 electrical meters in the county had to be replaced, most of them in Portland. Large sections of Pennsylvania State Route 611 was closed. The Delaware Canal took another major hit in addition to the damage that was done to it by the remnants of Ivan. It was expected to take years to repair the canal. In Portland Borough, the downtown region was seriously flooded as the Jacoby Creek also flooded. Water reached up to seven feet in some stores. In Upper Mount Bethel Township, 200 people were evacuated. In Forks Township, twenty-three homes suffered major damage as the Bushkill Creek also flooded. Some homes were submerged. In Easton, downtown commercial businesses were flooded, some had water to their roofs. All commercial businesses were opened by the end of the month. But, the Northampton County public welfare office was closed indefinitely. The Safe Harbor shelter reopened on June 20th. In Williams Township, about 70 homes were heavily damaged. The Easton-Phillipsburg free bridge was closed on the 3rd and was not re-opened until the 7th. The heavy rain also caused some flooding inland also as the Monocacy Creek flooded in downtown Bethlehem and affected the Colonial Industrial Quarter.

The Delaware River at Belvidere crested 27.24 feet on April 4th, the third highest crest on record and highest crest since August 19, 1955. Flood stage is 22 feet. The Delaware River in Easton crested at an estimated 36.5 feet on April 4th, the third highest crest on record and highest since August 19, 1955. Flood stage is 22 feet. The Monocacy Creek in Bethlehem was above its 4.5 foot flood stage from 642 p.m. EST on the 2nd through 707 p.m. EDT on the 3rd. It crested at 5.44 feet at 530 a.m. EDT on the 2nd. The Lehigh River at Walnutport was above its 8 foot flood stage from 847 p.m. EST on the 2nd through 730 p.m. EDT on the 3rd. It crested at 10.49 feet at 515 a.m. EDT on the 3rd. The Lehigh River in Bethlehem was briefly above its 16 foot flood stage from 8 a.m. through 931 a.m. EDT on the 3rd. It crested at 16.06 feet at 830 a.m. EDT. The Lehigh River at Glendon was above its 19 foot flood stage from 1122 p.m. EST on the 2nd through 455 p.m. EDT on the 3rd. It crested at 20.81 feet at 1015 a.m. EDT on the 3rd.

Rain started just around Midnight EST on the 2nd and continued throughout the day on the 2nd. It fell at its heaviest during the afternoon and early evening. Storm totals averaged around 4 inches and included 4.30 inches in Forks Township and 4.12 inches in Williams Township.

The flooding heavy rain was caused by a low pressure system that moved from the southern Gulf Coast States on the morning of April 1st northeast to the eastern Tennessee Valley during the evening of the 1st, to far western Virginia just after Midnight EST on the 2nd, into central Virginia at 7 a.m. EST on the 2nd, near Washington, D.C. at 1 p.m. EST on the 2nd, near Lancaster, Pennsylvania at 7 p.m. EST on the 2nd, near Scranton, Pennsylvania at 1 a.m. EST on the 3rd, over the Finger Lakes in New York at 8 a.m. EDT on the 3rd and into eastern Lake Ontario at 2 p.m. EDT on the 3rd. The strong southeast flow preceding the low pressure system was able to entrain Atlantic Ocean moisture in addition to the Gulf of Mexico moisture into the system. The southeast flow also was ideal for orographic lifting in the Poconos and other higher terrain. The flooding was exacerbated by the already wet soil conditions due to heavy rain on both March 23rd and 28th. In addition, along the Delaware River, snowmelt in the upper basin in New York State and because the New York City Delaware County, New York reservoirs were already at capacity added to the flooding.

PAZ054

Carbon

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## PENNSYLVANIA, East

**02 1958EST**  
**03 2218EST** **0 0 Flood**

Heavy rain fell during the late afternoon and early evening of the 2nd and caused stream and basement flooding. Flooding was worst farther to the east along the Delaware River. The Mahoning Creek flooded in Lehigh and Mahoning Township. Pennsylvania State Route 443 was closed across Mahoning Township. Flooding along Lizard Creek in East Penn Township forced the closure of Pennsylvania State Route 895. Property damage was limited to basement flooding. The Tobyhanna Creek at Blakeslee (Monroe/Carbon County border) was above its 10 foot flood stage from 758 p.m. EST on the 2nd through 1118 p.m. EDT on the 3rd. It crested at 13.27 feet at 630 a.m. EDT on the 3rd and was the second highest crest on record and the highest since August 19, 1955. The Aquashicola Creek at Palmerton was above its 7 foot flood stage from 1229 a.m. EST through 953 a.m. EDT on the 3rd. It crested at 8.16 feet at 5 a.m. EDT. The remnant of Ivan crest was 12.2 feet in September 2004.

Rain started just around Midnight EST on the 2nd and continued throughout the day on the 2nd. It fell at its heaviest during the late afternoon and early evening on the 2nd. The rain ended around sunrise on the 3rd. Over the higher terrain, the rain changed to snow before ending. Storm totals averaged 4 to 5 inches and included 4.83 inches in Lehigh.

The flooding heavy rain was caused by a low pressure system that moved from the southern Gulf Coast States on the morning of April 1st northeast to the eastern Tennessee Valley during the evening of the 1st, to far western Virginia just after Midnight EST on the 2nd, into central Virginia at 7 a.m. EST on the 2nd, near Washington, D.C. at 1 p.m. EST on the 2nd, near Lancaster, Pennsylvania at 7 p.m. EST on the 2nd, near Scranton, Pennsylvania at 1 a.m. EST on the 3rd, over the Finger Lakes in New York at 8 a.m. EDT on the 3rd and into eastern Lake Ontario at 2 p.m. EDT on the 3rd. The strong southeast flow preceding the low pressure system was able to entrain Atlantic Ocean moisture in addition to the Gulf of Mexico moisture into the system. The southeast flow also was ideal for orographic lifting in the Poconos and other higher terrain. The flooding was exacerbated by the already wet soil conditions due to heavy rain on both March 23rd and 28th.

PAZ061

**Lehigh**  
**02 2058EST**  
**03 1830EST** **0 0 Flood**

Heavy rain fell across Lehigh County and the headwaters of the Lehigh River and caused poor drainage and river flooding. But, the flooding was much farther east along the Delaware River. Rain started just around Midnight EST on the 2nd and continued throughout the day on the 2nd. It fell at its heaviest during the afternoon and early evening. Storm totals averaged between 3 and 4 inches and included 3.67 inches at the Lehigh Valley International Airport and 3.61 inches within Allentown. Flooding forced the closure of two roads within Allentown and one motorist was rescued from a stranded vehicle. The Industrial Quarter along the Monocacy Creek was flooded in Bethlehem.

The Little Lehigh River in Allentown was above its 6 foot stage from 758 p.m. EST on the 2nd through 1130 a.m. EDT on the 3rd. It crested at 7.69 feet at 6 a.m. EDT on the 3rd. The Monocacy Creek in Bethlehem was above its 4.5 foot flood stage from 642 p.m. EST on the 2nd through 707 p.m. EDT on the 3rd. It crested at 5.44 feet at 530 a.m. EDT on the 2nd. The Lehigh River at Walnutport (Northampton County) was above its 8 foot flood stage from 847 p.m. EST on the 2nd through 730 p.m. EDT on the 3rd. It crested at 10.49 feet at 515 a.m. EDT on the 3rd. The Lehigh River at Stoddartsville was above its 7 foot flood stage from 948 p.m. EST on the 2nd through 5 p.m. EDT on the 3rd. It crested at 9.26 feet at 315 a.m. EDT on the 3rd. The Lehigh River in Bethlehem was briefly above its 16 foot flood stage from 8 a.m. through 931 a.m. EDT on the 3rd. It crested at 16.06 feet at 830 a.m. EDT.

The flooding heavy rain was caused by a low pressure system that moved from the southern Gulf Coast States on the morning of April 1st northeast to the eastern Tennessee Valley during the evening of the 1st, to far western Virginia just after Midnight EST on the 2nd, into central Virginia at 7 a.m. EST on the 2nd, near Washington D.C. at 1 p.m. EST on the 2nd, near Lancaster, Pennsylvania at 7 p.m. EST on the 2nd, near Scranton, Pennsylvania at 2 a.m. EDT on the 3rd, over the Finger Lakes in New York at 8 a.m. EDT on the 3rd and into eastern Lake Ontario at 2 p.m. EDT on the 3rd. The strong southeast flow preceding the low pressure system was able to entrain Atlantic Ocean moisture in addition to the Gulf of Mexico moisture into the system. The southeast flow also was ideal for orographic lifting in the Poconos and other higher terrain. The flooding was exacerbated by the already wet soil conditions due to heavy rain on both March 23rd and 28th.

PAZ069

**Bucks**  
**03 1638EST**  
**05 1041EST** **0 0 40M Flood**

For the second time within seven months a greater than 50-year storm affected the Delaware River Basin and its tributaries. In all, about 5,715 homes were evacuated along the Delaware and Susquehanna Rivers in Pennsylvania. Pennsylvania Ed Rendell quickly declared a state of emergency and made money available to the Pennsylvania Emergency Management for flood related needs. Many homes and businesses that were flooded because of the remnants of Hurricane Ivan, were flooded again. The crests along the Delaware River were even higher than in September 2004 and were the highest crests since 1955. In many places, it was the second or third highest crest on record for the Delaware River. In Monroe, Northampton and Bucks Counties, about 2,200 homes and businesses were flooded, 40 homes were destroyed. Many of the homes and businesses that were flooded, had flooding into the first floor of their dwellings. About 4,300 people were evacuated, with the greatest number in Bucks County. Shelters were opened in

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--	---------------------------------------	--------------------

## **PENNSYLVANIA, East**

schools, fire houses and churches. Both the Red Cross and Salvation Army assisted with the evacuations and distributing food and drinks. Many major roads were closed. Some will be closed for months because of the damage. A dozen low-lying bridges from Trenton north were closed and damaged by the flooding. Many schools along river towns were closed on Monday April 4th, some also on Tuesday April 5th. The Delaware Canal took another major hit as the Delaware River merged with the canal. Damage from the remnants of Ivan and the latest storm was estimated at \$40 million dollars. In the three county area total damage from this storm was estimated at \$120 million dollars. The worst damage was reported in Easton (Northampton County), Yardley and New Hope (Bucks County). Miraculously there were no deaths or major injuries.

Residents and businesses found raw sewage that backed into water-logged cellars. Many furnaces, water heaters, electrical panels, washing machines and dryers were destroyed. In many places, everything that was stored below ground level was destroyed. The flood waters dislodged propane and oil tanks. Some basements were contaminated with oil. First floor damage included ruined hardwood floors, furniture, carpeting, vinyl flooring and dry walls. The homes that were greatly affected had their electricity and gas service turned off and in many instances had to get the former replaced. Private wells had to be tested for contamination.

The heavy rain loosened the ground and caused trees to be knocked down and carried down river along with waste receptacles, propane tanks and beer kegs. As river levels rose, they damaged the low-lying bridges across the Delaware River. Damage to the bridges was estimated at \$1.5 million with the greatest damage and longest closure to the Washington Crossing Bridge between Bucks and Mercer Counties. On April 15th, President George W. Bush declared a major disaster area in Northampton, Bucks and Monroe Counties. This opened the door for federal aid for homeowners and businesses. Persons could get grants for temporary housing and to clean and rebuild their homes. Homeowners and businesses were now eligible for low interest loans to cover uninsured property losses and other federally funded programs.

In Bucks County, the heavy rain caused widespread poor drainage flooding on the 2nd and stream and river flooding from the 2nd through the 5th. Rain started late in the evening on the 1st and continued throughout the day on the 2nd. The rain fell at its heaviest during the afternoon of the 2nd. The rain tapered off to some spottier light rain or drizzle during the evening and overnight and ended during the morning on the 3rd. Storm totals averaged around 3 inches. The county was hit by both inland smaller creek flooding as well as flooding along the Delaware River. The majority of the damage occurred in municipalities along the Delaware River as well as the Delaware Canal.

Within the county, 1,066 homes were destroyed or damaged and 116 businesses suffered major damage while many others suffered lesser damage. About 3,000 people were evacuated along the Delaware River and Neshaminy Creek. About 1,400 homes and businesses were without electrical power along the river for safety reasons. About 200 of those homes also had gas service stopped. All power was restored as of the 6th, except for about 400 homes that required repairs to their electrical systems. In all 8 county homes were destroyed (moved off their foundations), 489 homes suffered major damage, 306 suffered minor damage while 263 homes had lesser minor damage from basement flooding. Damage to homes and businesses was estimated at \$20 million dollars while additional damage to the entire Northampton and Bucks Counties length of the Delaware Canal was estimated at \$30 million dollars. Walls along the canal were knocked down, locks and gates were damaged and downed trees exacerbated the damage. Repairs could take years to finish. Many roads were closed and damaged including large stretches of River Road (Pennsylvania State Route 32) and Pennsylvania State Route 611. While most of the low-lying free bridges were reopened by the 6th, the Washington Crossing Bridge was closed much longer as a 3 foot by 8 foot section of one of the piers was eroded by the flood waters after a suspected dumpster struck the pier. About 7,400 vehicles use the bridge daily between Upper Makefield and Hopewell (Mercer County) Townships.

In Riegelsville Borough, 500 people were evacuated as flood waters extended west of the canal. Twelve people were rescued from submerged homes. About one quarter of the homes in the borough suffered flood damage and seven roadways were shut. In Nockamixon Township, a half mile stretch of River Road will be closed indefinitely as its shoulder was washed away. In Bridgeton Township, the Upper Black Eddy area had about 140 homes that suffered damage. In Tinicum Township, about 100 homes were damaged and a large stretch of Uhlerstown Road was washed away. In New Hope Borough, the entire downtown area was evacuated as well as the Waterworks and Waterview Developments. The historic Bucks County Playhouse had up to ten feet of water along its outer walls. Other Main Street businesses had up to 7 feet of water on their first floors. A few of the downtown restaurants were expected to be closed for months; the rest were reopened on the 10th. In Upper Makefield Township, five homes were destroyed as the Washington Crossing area was inundated with up to 8 feet of water. In Yardley Borough, all residential areas east of the Delaware Canal were evacuated. About 400 homes were damaged and damage in the borough alone was estimated at more than one million dollars. Flood waters extended west of the Delaware Canal. Three homes were destroyed. In Lower Makefield Township, about 100 homes were damaged. A breach in the Delaware Canal caused flood waters to inundate Morrisville Borough. Inland, flooding along the Neshaminy Creek forced the closure of Pennsylvania State Route 413 and Bridgetown Pike. Flood waters damaged a small bridge in Doylestown.

The following are the gaged crests along the Delaware River from north to south in Bucks County. The Delaware River at Riegelsville was above its 22 foot flood stage from 1201 a.m. EDT on the 3rd through 1141 a.m. EDT on the 5th. It crested at an estimated 34.07 feet at 6 a.m. EDT on the 4th. This was the third highest crest on record and the highest since August 20, 1955. The Delaware River at Frenchtown (Hunterdon County) was above its 16 foot flood stage from 8 a.m. EDT on the 3rd through 636 a.m.

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## PENNSYLVANIA, East

EDT on the 5th. It crested at 22.55 feet at 8 a.m. EDT on the 4th. This was the third highest crest on record and the highest since August 20, 1955. The Delaware River at Stockton (Hunterdon County) was above its 18 foot flood stage from 3 a.m. EDT on the 3rd through 645 a.m. EDT on the 5th. It crested at 26.75 feet at 11 a.m. EDT on the 4th. This was the second highest crest on record and the highest since August 20, 1955. The Delaware River at the New Hope Bridge was above its 13 foot flood stage from 846 a.m. EDT on the 3rd through 814 a.m. EDT on the 5th. It crested at 19.17 feet at 11 a.m. EDT on the 4th. This was the third highest crest on record and the highest since August 20, 1955. The Delaware River at Washington's Crossing was above its 20 foot flood stage from 726 p.m. EDT on the 3rd through 829 a.m. EDT on the 5th. It crested at 24.7 feet at Noon EDT on the 4th. This was the third highest crest on record and the highest since August 20, 1955. The Delaware River at Trenton (Mercer County) was above its 20 foot flood stage from 750 a.m. EDT on the 3rd through 1103 a.m. EDT on the 5th. It crested at 25.52 feet at 1 p.m. EDT on the 4th. This was the fourth highest crest on record and the highest since August 20, 1955.

Other gaged creeks that flooded in the county included The East Branch of the Perkiomen Creek at Dublin was above its 5 foot flood stage from 448 p.m. EST through 836 p.m. EST on the 2nd. It crested at 6.85 feet at 7 p.m. EST. The Little Neshaminy Creek at Neshaminy was above its 8 foot flood stage from 617 p.m. EST on the 2nd through 333 a.m. EDT on the 3rd. It crested at 8.26 feet at 945 p.m. EST on the 2nd. The Neshaminy Creek at Langhorne was above its 9 foot flood stage from 438 p.m. EST on the 2nd through 1058 a.m. EDT on the 3rd. It crested at 12.87 feet at 430 a.m. EDT on the 3rd.

Specific storm totals included 3.79 inches in Springtown, 3.72 inches in Sellersville, 3.54 inches in Fricks, 3.49 inches in Furlong, 3.40 inches in Southampton, 3.18 inches in Doylestown, 3.00 inches in Neshaminy Falls, 2.81 inches in Riegelsville and 2.80 inches in Washington's Crossing.

The flooding heavy rain was caused by a low pressure system that moved from the southern Gulf Coast States on the morning of April 1st northeast to the eastern Tennessee Valley during the evening of the 1st, to far western Virginia just after Midnight EST on the 2nd, into central Virginia at 7 a.m. EST on the 2nd, near Washington, D.C. at 1 p.m. EST on the 2nd, near Lancaster, Pennsylvania at 7 p.m. EST on the 2nd, near Scranton, Pennsylvania at 1 a.m. EST on the 3rd, over the Finger Lakes in New York at 8 a.m. EDT on the 3rd and into eastern Lake Ontario at 2 p.m. EDT on the 3rd. The strong southeast flow preceding the low pressure system was able to entrain Atlantic Ocean moisture in addition to the Gulf of Mexico moisture into the system. The southeast flow also was ideal for orographic lifting in the Poconos and other higher terrain. The flooding was exacerbated by the already wet soil conditions due to heavy rain on both March 23rd and 28th. In addition, along the Delaware River, snowmelt in the upper basin in New York State and because the New York City Delaware County, New York reservoirs were already at capacity added to the flooding.

### **Lehigh County Southeast Portion**

**07 2300EST**  
**08 0200EST**

**0 0**

**Flash Flood**

Heavy rain that fell on already saturated ground conditions caused stream flooding in southeastern Lehigh County. Rain began falling during the early evening and fell at its heaviest between 8 p.m. and 10 p.m. EDT. The rain ended shortly after Midnight EDT on the 8th. Doppler Radar storm total estimates reached between 1.0 and 1.5 inches in southeastern parts of the county. Several roads were closed due to the flooding in Upper Saucon Township.

### **Bucks County Northwest Portion**

**07 2300EST**  
**08 0200EST**

**0 0**

**Flash Flood**

Heavy rain that fell on already saturated ground conditions caused stream flooding in northwestern Bucks County. Rain began falling during the early evening and fell at its heaviest between 9 p.m. and 11 p.m. EDT. The rain ended during the early morning on the 8th. Doppler Radar storm total estimates reached between 1.0 and 1.5 inches near the Lehigh and Northampton County line. Actual storm totals included 1.59 inches in Springtown and 1.32 inches in Riegelsville.

### **Berks County Central Portion**

**08 0101EST**  
**0631EST**

**0 0**

**Flash Flood**

Heavy rain that fell on already saturated ground conditions caused stream flooding in central and southern Berks County. Rain began falling during the early evening and fell at its heaviest between 8 p.m. and 11 p.m. EDT. The rain ended shortly after Midnight EDT on the 8th. Doppler Radar storm total estimates reached between 1.0 and 1.5 inches in the central part of the county. The heavy rain caused flooding along the Manatawny Creek. At Spangville, the creek was above its 6 foot flood stage from 201 a.m. EDT through 731 a.m. EDT on the 8th. It crested at 6.77 feet at 445 a.m. EDT. Actual storm totals included 1.26 inches at the Blue Marsh Dam and 1.12 inches in Reading.

### **PAZ062**

#### **Northampton**

**10 1300EST**  
**1400EST**

**0 0 0**

**Wildfire**

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## PENNSYLVANIA, East

A wildfire burned about five acres of brush in East Allen Township in the vicinity of Sickie Road.

PAZ055

Monroe

14 1930EST  
2100EST

0

0

Wildfire

A fire that started in a trailer then spread into the woods at the Pocono Mountain Campsite in Pocono Township during the evening of the 14th. It took a dozen firefighters from three township fire companies to extinguish the blaze. In addition to the trailer, another nearby structure was also damaged.

PAZ055

Monroe

17 1600EST  
1900EST

0

0

0

Wildfire

A brush fire consumed about four acres of state gamelands in southeastern Coolbaugh Township near the Barrett Township border. The fire started near a hiking trail. Three fire companies extinguished the fire before it reached houses within a large private community. The combination of dry weather since April 8th, low humidity levels, typically windy conditions found in April and the leftover debris from the January ice storms led to a 30 day outdoor burning ban in all of Carbon County that started on April 16th. A dozen townships in Monroe County also banned all outdoor burning. The Bureau of State Parks banned campfires in parts of the Poconos. Dry conditions and wildfire problems extended south into the Lehigh Valley. In North Whitehall Township (Lehigh County), fire personnel responded to about 50 calls for minor brush or grass fires during the month of April.

Northampton County

East Portion

23 1640EST  
2100EST

0

0

Flash Flood

Thunderstorms with heavy rain caused poor drainage flooding and small stream flooding in the eastern part of Northampton County. The heavy rain also caused a couple of mudslides. A couple of motorists were stranded in flood waters in Palmer Township and Wilson Borough. A mudslide caused the closure of Pennsylvania State Route 611 in Forks Township and another roadway in Wind Gap Borough. Actual storm totals included 3.20 inches in Forks Township.

Delaware County

Aston Mills

23 1915EST

0

0

100K

0

Lightning

Lightning struck a home in Aston and the ensuing fire badly damaged the interior of the home. No injuries were reported.

## PENNSYLVANIA, Northeast

PAZ038

Bradford

01 0000EST  
07 1153EST

0

0

200K

Flood

A slow moving storm from the Ohio Valley brought 2 to 3 inches of rain on April 2nd and 3rd. Before this storm, the Susquehanna River at Waverly, NY / Sayre, PA was already above its 11 foot flood stage due to a previous rainstorm March 28th and snowmelt. By the time the river fell below flood stage most of the snow had melted. The Susquehanna River at Waverly, NY / Sayre, PA crested at 20.88 feet at 12:00 AM EST on April 4th, then fell back below flood stage on the 7th. This was the 3rd highest flood crest. Sayre and Athens had significant damage to roads, houses, and businesses.

PAZ039

Susquehanna

01 0000EST  
06 2025EST

0

0

200K

Flood

The Susquehanna River at Conklin, NY continued above its flood stage of 11 feet into April. This high water was due to 1 to 3 inches of rain and more snowmelt the last week of March. A slow moving storm from the Ohio Valley brought 2 to 3 inches of rain on April 2nd and 3rd. In addition several inches of water equivalent added to the runoff by snowmelt. Little snow was left after the storm. This additional rain and snowmelt caused the Susquehanna River at Conklin, NY to rise rapidly to a second higher crest of 18.08 feet at 9 AM EST on April 3rd. This was the 8th highest crest at Conklin. The river fell below flood stage the evening of April 6th. This caused flooding upstream in Great Bend and Lanesboro, Pennsylvania. A trailer park in Great Bend was evacuated before the road to it was flooded. 13 to 14 feet at Conklin causes the road to flood. Some roads were damaged.

PAZ048-072

Pike - Southern Wayne

02 1833EST  
04 0630EST

0

0

2M

Flood

A slow moving storm from the Ohio Valley brought 2 to 4 inches of rain on April 2nd and 3rd. Before this storm, the rivers had high flows due to a previous rainstorm March 28th and snowmelt. By the time the river fell below flood stage most of the snow had melted. The Lackawaxen River at Hawley rose to its flood stage of 11 feet the evening of the 2nd, crested at 15.25 feet at 18:33 PM on the 3rd, then fell back below flood stage on the 4th. This was the fourth highest crest on record. The high crest was partially due to Lake Wallenpaupack making high releases.

Pike County

Countywide

02 1900EST  
03 0700EST

0

0

1M

Flash Flood



# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## PENNSYLVANIA, Northeast

A slow moving storm from the Ohio Valley brought 2 to 4 inches of rain on April 2nd and 3rd. Before this storm, the rivers and streams had high flows due to a previous rainstorm March 28th and snowmelt. All towns were affected in the county by flash flooding. Numerous roads, bridges and buildings were damaged. All streams and creeks were out of their banks.

### Wayne County

#### Countywide

<b>02</b>	<b>1900EST</b>	<b>0</b>	<b>0</b>	<b>3M</b>	<b>Flash Flood</b>
<b>03</b>	<b>0700EST</b>				

A slow moving storm from the Ohio Valley brought 1 to 3 inches of rain on April 2nd and 3rd. Before this storm, the rivers and streams had high flows due to a previous rainstorm March 28th and snowmelt. All towns were affected in the county by flash flooding. Roads, bridges and buildings were damaged. The hardest hit areas from the flash flooding were in the northern part of the county. Some of the towns most impacted were Damascus, Manchester, Scott, Buckingham, Starucca, and Mt. Pleasant. Numerous creeks and streams came out of their banks.

### Susquehanna County

#### Countywide

<b>02</b>	<b>1900EST</b>	<b>0</b>	<b>0</b>	<b>250K</b>	<b>Flash Flood</b>
<b>03</b>	<b>0700EST</b>				

A slow moving storm from the Ohio Valley brought 2 to 4 inches of rain on April 2nd and 3rd. Before this storm, the rivers and streams had high flows due to a previous rainstorm March 28th and snowmelt. All towns were affected in the county by flash flooding. Roads and buildings were damaged. The hardest hit areas from the flash flooding were in Lanesboro, Great Bend, Lenox township, and Silver Lake. Numerous streams and creeks came out of their banks.

### Bradford County

#### Countywide

<b>02</b>	<b>1900EST</b>	<b>0</b>	<b>0</b>	<b>200K</b>	<b>Flash Flood</b>
<b>03</b>	<b>0700EST</b>				

A slow moving storm from the Ohio Valley brought 2 to 4 inches of rain on April 2nd and 3rd. Before this storm, the rivers and streams had high flows due to a previous rainstorm March 28th and snowmelt. All towns were affected in the county by flash flooding. Roads, bridges and buildings were damaged. The hardest hit areas were around the Wysox and Wyalusing Creeks, and the town of Troy. Numerous creeks and streams came out of their banks.

### Wyoming County

#### Countywide

<b>02</b>	<b>1900EST</b>	<b>0</b>	<b>0</b>	<b>500K</b>	<b>Flash Flood</b>
<b>03</b>	<b>0700EST</b>				

A slow moving storm from the Ohio Valley brought 2 to 4 inches of rain on April 2nd and 3rd. Before this storm, the rivers and streams had high flows due to a previous rainstorm March 28th and snowmelt. All towns were affected in the county by flash flooding. Roads, bridges and buildings were damaged. Numerous streams and creeks came out of their banks.

### Luzerne County

#### Countywide

<b>02</b>	<b>1900EST</b>	<b>0</b>	<b>0</b>	<b>500K</b>	<b>Flash Flood</b>
<b>03</b>	<b>0700EST</b>				

A slow moving storm from the Ohio Valley brought 2 to 4 inches of rain on April 2nd and 3rd. Before this storm, the rivers and streams had high flows due to a previous rainstorm March 28th and snowmelt. All towns were affected in the county by flash flooding. Roads, bridges and buildings were damaged. The hardest hit areas from the flash flooding were in Huntington township, Hunlock township, and Mountaintop. Numerous creeks and streams came out of their banks.

### Lackawanna County

#### Countywide

<b>02</b>	<b>1900EST</b>	<b>0</b>	<b>0</b>	<b>200K</b>	<b>Flash Flood</b>
<b>03</b>	<b>0700EST</b>				

A slow moving storm from the Ohio Valley brought 2 to 4 inches of rain on April 2nd and 3rd. Before this storm, the rivers and streams had high flows due to a previous rainstorm March 28th and snowmelt. All towns were affected in the county by flash flooding. Roads, bridges and buildings were damaged. The hardest hit areas from the flash flooding were in Elmhurst, Greenfield, Scott, and Springfield township. 12 businesses had damage in South Abington Township along a tributary of Leech Creek. Numerous other creeks and streams came out of their banks.

### PAZ040

#### Northern Wayne

<b>02</b>	<b>1920EST</b>	<b>0</b>	<b>0</b>	<b>200K</b>	<b>Flood</b>
<b>04</b>	<b>2150EST</b>				

A slow moving storm from the Ohio Valley brought 2 to 4 inches of rain on April 2nd and 3rd. Before this storm, the rivers had high flows due to a previous rainstorm March 28th and snowmelt. By the time the river fell below flood stage most of the snow had melted. The West Branch of the Delaware River at Hale Eddy rose to its flood stage of 11 feet the evening of the 2nd, crested at 14.12 feet at 4:00 AM on the 3rd, then fell back below flood stage on the 4th. For a few hours State Route 17, which is to become Interstate 86, was closed in both directions between Deposit and Hancock.

### PAZ040

#### Northern Wayne

<b>02</b>	<b>1945EST</b>	<b>0</b>	<b>0</b>	<b>1M</b>	<b>Flood</b>
<b>04</b>	<b>0700EST</b>				

A slow moving storm from the Ohio Valley brought 2 to 4 inches of rain on April 2nd and 3rd. Before this storm, the rivers had high flows due to a previous rainstorm March 28th and snowmelt. By the time the river fell below flood stage most of the snow had

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## PENNSYLVANIA, Northeast

melted. The Delaware River at Callicoon rose to its flood stage of 12 feet the evening of the 2nd, crested at 17.97 feet at 8:00 AM on the 3rd, then fell back below flood stage the morning of the 4th. This was the flood of record. The next highest crest was 17.33 feet from the remnants of hurricane Ivan the previous September.

PAZ038

### **Bradford**

**02 2010EST**  
**06 0221EST**

**0 0 500K Flood**

A slow moving storm from the Ohio Valley brought 2 to 3 inches of rain on April 2nd and 3rd. Before this storm, the Susquehanna River had high flows due to a previous rainstorm March 28th and snowmelt. By the time the river fell below flood stage most of the snow had melted. The Susquehanna River at Towanda rose to its flood stage of 16 feet late on the 2nd, crested at 23.05 feet at 11:30 PM on the 3rd, then fell back below flood stage on the 6th. This was the 17th highest flood crest. Flooding caused road closures, evacuations, and basement flooding.

PAZ044

### **Lackawanna**

**02 2130EST**  
**03 0542EST**

**0 0 200K Flood**

A slow moving storm from the Ohio Valley brought 2 to 4 inches of rain on April 2nd and 3rd. Before this storm, the rivers had high flows due to a previous rainstorm March 28th and snowmelt. By the time the river fell below flood stage most of the snow had melted. The Lackawanna River at Old Forge rose to its flood stage of 11 feet late on the 2nd, crested at 11.76 feet at 3:45 AM on the 3rd, then fell back below flood stage shortly thereafter.

PAZ043

### **Wyoming**

**02 2205EST**  
**03 1152EST**

**0 0 100K Flood**

A slow moving storm from the Ohio Valley brought 2 to 3 inches of rain on April 2nd and 3rd. Before this storm, the rivers had high flows due to a previous rainstorm March 28th and snowmelt. By the time the river fell below flood stage most of the snow had melted. The Tunkhannock Creek at Tunkhannock rose to its flood stage of 11 feet late on the 2nd, crested at 14.44 feet at 5:30 AM on the 3rd, then fell back below flood stage midday on the 3rd. This was the fourth highest crest on record.

PAZ043

### **Wyoming**

**02 2231EST**  
**06 0412EST**

**0 0 500K Flood**

The Susquehanna River at Meshoppen had elevated river flows due to several inches of rain and snowmelt the end of March into early April. A slow moving storm from the Ohio Valley brought 2 to 3 inches of rain on April 2nd and 3rd. In addition to the rain, snowmelt added more runoff. Little snow was left after this storm exited. The river came back above the flood stage of 27 feet the evening of the 3rd, crested at 34.06 feet at 6:30 AM on the 3rd, before falling back below flood stage on the 6th. By the time the river fell below flood stage most of the snow had melted. This was the 5th highest flood crest at Meshoppen.

PAZ048

### **Pike**

**02 2301EST**  
**04 0708EST**

**0 0 1M Flood**

A slow moving storm from the Ohio Valley brought 2 to 4 inches of rain on April 2nd and 3rd. Before this storm, the rivers had high flows due to a previous rainstorm March 28th and snowmelt. By the time the river fell below flood stage most of the snow had melted. The Delaware River at Barryville rose to its flood stage of 17 feet the evening of the 2nd, crested at an estimated 24.80 feet at 9:00 AM on the 3rd, then fell back below flood stage the morning of the 4th. This was the second highest flood of record and the highest in almost 50 years.

PAZ047

### **Luzerne**

**03 0015EST**  
**06 1400EST**

**0 0 1M Flood**

A slow moving storm from the Ohio Valley brought 2 to 3 inches of rain on April 2nd and 3rd. Before this storm, the Susquehanna River had high flows due to a previous rainstorm March 28th and snowmelt. By the time the river fell below flood stage most of the snow had melted. The Susquehanna River at Wilkes-Barre rose its flood stage of 22 feet early on the 3rd, crested at 30.94 feet at 8:30 AM EST on April 3rd, then fell back below flood stage on the 6th. This was the 11th highest flood crest. Over 100 buildings flooded. Plymouth, Shickshinny, West Nanticoke, Plainsville, and Jenkins were the worst hit.

PAZ048

### **Pike**

**03 0229EST**  
**04 0555EST**

**0 0 500K Flood**

A slow moving storm from the Ohio Valley brought 2 to 4 inches of rain on April 2nd and 3rd. Before this storm, the rivers had high flows due to a previous rainstorm March 28th and snowmelt. By the time the river fell below flood stage most of the snow had melted. The Delaware River at Montague, NJ (near Milford, PA) rose to its flood stage of 25 feet the early on the 3rd, crested at 31.69 feet at 3:00 PM on the 3rd, then fell back below flood stage the morning of the 4th. This was the third highest flood of record and the highest in almost 50 years. In Dingmans Ferry, the bridge across the Delaware River was closed. The river crest was 3 feet under the bridge. Many roads along the river were damaged.

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## PENNSYLVANIA, Northeast

PAZ048

Pike

03 0230EST  
2121EST

0

0

1M

Flood

A slow moving storm from the Ohio Valley brought 2 to 4 inches of rain on April 2nd and 3rd. Before this storm, the rivers had high flows due to a previous rainstorm March 28th and snowmelt. By the time the river fell below flood stage most of the snow had melted. The Delaware River at Port Jervis, NY and Matamoras, PA rose to its flood stage of 18 feet early on the 3rd, crested at 20.53 feet at 12:15 PM on the 3rd, then fell back below flood stage later that day. This was the fifth highest flood of record. A state of emergency was declared in Matamoras. 100 homes were damaged. 15 homes had damage to the foundations and were condemned.

## PENNSYLVANIA, Northwest

PAZ001>003

Northern Erie - Southern Erie - Crawford

02 0800EST  
03 1700EST

0

0

1.1M

Winter Storm

A strong area of low pressure moved northeast from Texas to western Pennsylvania during the early morning hours of the 2nd. Heavy wet snow fell across northwest Pennsylvania during the day on the 2nd. The wet snow, in combination with strong winds, brought down many trees and power lines causing thousands of homes to lose power. Blizzard like conditions were observed at times. The snow continued through the evening of the 2nd. As the low pulled away, strong north to northwest winds developed behind the low center allowing lake effect snow to quickly intensify during the early morning hours of the 3rd. Gusty winds to 30 mph were reported across Northwest Pennsylvania. Officially, 14.8 inches of snow fell at Erie International Airport. Some of the higher snowfall totals included; 33 inches at Colt Station (Erie County), 22 inches in Amity Township (Erie County), 21.9 at Franklin Center (Erie County) and 16.5 inches in Cambridge Springs (Crawford County). During the event, hundreds of accidents were reported.

## PENNSYLVANIA, West

PAZ007>009-014>015-  
022-032

Mercer - Venango - Forest - Butler - Clarion - Armstrong - Fayette

03 0200EST  
1200EST

0

0

10K

Heavy Snow

Surface low pressure passed over Huntington, WV. Then it intensified and moved into northeastern Pennsylvania. Heavy snow started on the northwest side of the storm after 8 PM on 2nd. Mountains started snowing by 11 PM on 2nd. Total snowfalls: 6 inches in Cooksburg, Mercer, Oil City and Piney Dam; 7 in Chalkhill and Freeport; 8 in Saxonburg; 9 West Hickory. Several trees fell in Oil City (Venango Co) from the weight of the snow.

Lawrence County

Neshannock Falls

20 1640EST  
Trees blown down.

0

0

Thunderstorm Wind (G50)

Beaver County

New Brighton

20 1642EST  
Trees down. Wind damage to the roof of 1 house.

0

0

10K

Thunderstorm Wind (G50)

Beaver County

Rochester

20 1650EST  
Large tree blown down, blocking Main St. And on Rte 168, trees and power lines down.

0

0

8K

Thunderstorm Wind (G50)

Butler County

Zelienople

20 1715EST  
Trees down.

0

0

Thunderstorm Wind (G50)

Allegheny County

Glenshaw

20 1726EST  
Trees and power lines down.

0

0

6K

Thunderstorm Wind (G50)

Allegheny County

Wexford

20 1736EST  
Trees down.

0

0

Thunderstorm Wind (G50)

Westmoreland County

Jeanette

20 1745EST

0

0

Thunderstorm Wind (G50)

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## PENNSYLVANIA, West

Trees down.

## PUERTO RICO

### Western Interior

<b>Lares</b>	<b>11</b>	<b>1505AST 2300AST</b>			<b>0</b>	<b>0</b>			<b>Heavy Rain</b>
--------------	-----------	----------------------------	--	--	----------	----------	--	--	-------------------

Heavy rains affected the municipality of Lares during the afternoon causing a landslide at Barrio La Cuadra and which threatened with flooding 12 homes in Barrio Seboruquillo. A clogged sinkhole was responsible for the flooding. The Emergency management Agency recorded 5.38 inches of rain during the afternoon.

### Western Interior

<b>San Sebastian</b>	<b>11</b>	<b>1615AST 1800AST</b>			<b>0</b>	<b>0</b>			<b>Heavy Rain</b>
----------------------	-----------	----------------------------	--	--	----------	----------	--	--	-------------------

Spotter reported rainfall accumulations of around four inches.

### PRZ005

#### North Central

	<b>11</b>	<b>1838AST 2238AST</b>			<b>0</b>	<b>0</b>			<b>Flood</b>
--	-----------	----------------------------	--	--	----------	----------	--	--	--------------

River Cibuco was reported out of its banks in Vega Alta.

### North Central

<b>Vega Alta</b>	<b>11</b>	<b>1840AST 2040AST</b>			<b>0</b>	<b>0</b>			<b>Heavy Rain</b>
------------------	-----------	----------------------------	--	--	----------	----------	--	--	-------------------

Road 690 at Barrio Cerro Gordo was reported flooded. The small stream Machuchal and Rivers Maravilla and Cibuco were reported to be rising.

### PRZ008

#### Northwest

	<b>11</b>	<b>2122AST 2359AST</b>			<b>0</b>	<b>0</b>			<b>Flood</b>
--	-----------	----------------------------	--	--	----------	----------	--	--	--------------

River Culebrinas was reported out of its banks along road 418 and at th Margarita Dam.

### North Central

<b>Dorado</b>	<b>12</b>	<b>1530AST 1730AST</b>			<b>0</b>	<b>0</b>			<b>Heavy Rain</b>
---------------	-----------	----------------------------	--	--	----------	----------	--	--	-------------------

Road 19 was reported flooded and impassable.

### PRZ005-005-009

#### North Central - Western Interior

	<b>12</b>	<b>1630AST 2315AST</b>			<b>0</b>	<b>0</b>			<b>Flood</b>
--	-----------	----------------------------	--	--	----------	----------	--	--	--------------

Flooded homes and streets were reported at Bajura camping in the municipality of Vega Alta.

### PRZ009

#### Western Interior

	<b>12</b>	<b>1740AST</b>			<b>0</b>	<b>0</b>			<b>Landslide</b>
--	-----------	----------------	--	--	----------	----------	--	--	------------------

Landslide reported at Barrio Espino in Lares municipality.

### San Juan And Vicinity

<b>Carolina</b>	<b>18</b>	<b>1440AST 1640AST</b>			<b>0</b>	<b>0</b>			<b>Heavy Rain</b>
-----------------	-----------	----------------------------	--	--	----------	----------	--	--	-------------------

Flooding was reported along road 180 and part of the Isla Verde area.

### San Juan And Vicinity

<b>San Juan</b>	<b>18</b>	<b>1440AST</b>			<b>0</b>	<b>0</b>			<b>Heavy Rain</b>
-----------------	-----------	----------------	--	--	----------	----------	--	--	-------------------

Urban and street flooding was reported in Puerto Nuevo, Kennedy Avenue, Barrio Obrero in Santurce, and at Embalse San Jose.

### San Juan And Vicinity

<b>Toa Baja</b>	<b>19</b>	<b>1520AST</b>			<b>0</b>	<b>0</b>			<b>Heavy Rain</b>
-----------------	-----------	----------------	--	--	----------	----------	--	--	-------------------

Homes were reported flooded at Barrio Candelaria, Villa Clemente, and Candelaria Arenas.

### San Juan And Vicinity

<b>Bayamon</b>	<b>19</b>	<b>1550AST</b>			<b>0</b>	<b>0</b>			<b>Heavy Rain</b>
----------------	-----------	----------------	--	--	----------	----------	--	--	-------------------

A home was reported flooded at Santa Monica neighborhood in Bayamon.

### PRZ002

#### Northeast

	<b>19</b>	<b>1615AST 2015AST</b>			<b>0</b>	<b>0</b>			<b>Flood</b>
--	-----------	----------------------------	--	--	----------	----------	--	--	--------------

A bridge was washed away by the rains in Humacao municipality.

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b><u>PUERTO RICO</u></b>									
<b>PRZ009</b>			<b>Western Interior</b>						
	<b>19</b>	<b>1704AST</b>			<b>0</b>	<b>0</b>			<b>Flood</b>
	Road 140, km. 40.1 in Utuado was reported flooded.								
<b>PRZ009</b>			<b>Western Interior</b>						
	<b>19</b>	<b>1704AST</b>			<b>0</b>	<b>0</b>			<b>Landslide</b>
	Landslide was reported in Utuado municipality.								
<b>North Central</b>									
<b>Manati</b>	<b>19</b>	<b>1750AST</b>			<b>0</b>	<b>0</b>			<b>Heavy Rain</b>
	Highway 2 and road 149 were reported impassable.								
<b>San Juan And Vicinity</b>									
<b>Toa Baja</b>	<b>19</b>	<b>1750AST</b>			<b>0</b>	<b>0</b>			<b>Heavy Rain</b>
	Thirty homes were reported flooded at Barrio Candelaria.								
<b>Northeast</b>									
<b>Ceiba</b>	<b>19</b>	<b>1800AST</b>			<b>2</b>	<b>0</b>			<b>Heavy Rain</b>
	Afternoon showers and thunderstorms produced 5 to 6 inches of rainfall across portions of the Luquillo rainforest. Runoff from this rainfall caused the River Fajardo to swell. The flood wave had already passed, however the river current remained strong when two individuals swimming in the river were unable to escape the strong current, and drowned.								
	M28IW, M17IW								
<b>San Juan And Vicinity</b>									
<b>Southeast Portion</b>	<b>19</b>	<b>1800AST</b>			<b>0</b>	<b>0</b>			<b>Heavy Rain</b>
	A home was reported flooded at Las Lomas in Rio Piedras.								
<b>North Central</b>									
<b>Manati</b>	<b>19</b>	<b>1820AST</b>			<b>0</b>	<b>0</b>			<b>Heavy Rain</b>
	A flooded home was reported along road 685.								
<b>North Central</b>									
<b>Barceloneta</b>	<b>19</b>	<b>1824AST</b>			<b>0</b>	<b>0</b>			<b>Heavy Rain</b>
	A flooded home was reported at Barrio Garrochales, three flooded homes were reported at Caño Tiburon.								
<b>North Central</b>									
<b>Vega Alta</b>	<b>20</b>	<b>1335AST</b>			<b>0</b>	<b>0</b>			<b>Heavy Rain</b>
	Urban and street flooding was reported along Highway 2, and Barrio Bajura. a home was reported flooded in Sector Manantial.								
<b>North Central</b>									
<b>Barceloneta</b>	<b>20</b>	<b>1342AST</b>			<b>0</b>	<b>0</b>			<b>Heavy Rain</b>
	Highway 2 was reported flooded along Pfizer and Abbot Labs.								
<b>San Juan And Vicinity</b>									
<b>Toa Baja</b>	<b>20</b>	<b>1355AST</b>			<b>0</b>	<b>0</b>			<b>Heavy Rain</b>
	A flooded home was reported at Barrio Candelaria, along road 865.								
<b>San Juan And Vicinity</b>									
<b>San Juan</b>	<b>20</b>	<b>2205AST</b>			<b>0</b>	<b>0</b>			<b>Heavy Rain</b>
	Urban and street flooding was reported at Bechara Industrial Park in San Juan.								
<b>San Juan And Vicinity</b>									
<b>San Juan</b>	<b>21</b>	<b>1605AST</b>			<b>0</b>	<b>0</b>			<b>Heavy Rain</b>
	A small stream was reported out of its banks in Barrio Obrero, Santurce. A flooded home was reported in San Jose, Rio Piedras.								
<b>San Juan And Vicinity</b>									
<b>Toa Baja</b>	<b>21</b>	<b>1620AST</b>			<b>0</b>	<b>0</b>			<b>Heavy Rain</b>
	A home was reported flooded at Barrio Ingenio.								
<b>San Juan And Vicinity</b>									
<b>San Juan</b>	<b>21</b>	<b>1630AST</b>			<b>0</b>	<b>0</b>			<b>Heavy Rain</b>
	A flooded home was reported in San Jos, Rio Piedras.								
<b>North Central</b>									
<b>Vega Alta</b>	<b>21</b>	<b>1712AST</b>			<b>0</b>	<b>0</b>			<b>Heavy Rain</b>

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b><u>PUERTO RICO</u></b>									
Urban and street flooding was reported in Barrio Carmelita, Breñas, road 1 and Palma real, and along road 690.									
<b>North Central</b>									
<b>Dorado</b>	21	1731AST			0	0			<b>Heavy Rain</b>
	A resident reported a small stream flooded near Barrio San Carlos.								
<b>San Juan And Vicinity</b>									
<b>San Juan</b>	21	2130AST			0	0			<b>Heavy Rain</b>
	Ten homes were reported flooded in low lying areas of San Juan like Barrio Obrero in Santurce, and San Jose in Rio Piedras.								
<b>San Juan And Vicinity</b>									
<b>Carolina</b>	22	1120AST			0	0			<b>Heavy Rain</b>
	Urban flooding was reported in Carolina along Montserrat Final Avenue, in front of 711 store, and along road 65th Infantry in front of El Comandante.								
<b>PRZ001-005-005</b>									
	<b>San Juan And Vicinity - North Central</b>								
	22	1430AST 1457AST			0	0	5K		<b>Strong Wind</b>
	Fallen tree along highway 2 in the Toa Baja municipality between La Virgencita and Holsum.								
<b>North Central</b>									
<b>Vega Baja</b>	22	1453AST			0	0			<b>Heavy Rain</b>
	A flooded home was reported in Barrio Pueblo.								
<b>PRZ005</b>									
	<b>North Central</b>								
	22	1538AST			0	0			<b>Landslide</b>
	Landslide reported at Barrio Santa Rosa in Vega Alta.								
<b>North Central</b>									
<b>Dorado</b>	22	1545AST			0	0			<b>Heavy Rain</b>
	Flooded home was reported at the Chorro de Maguayo sector.								
<b>Northwest</b>									
<b>Camuy</b>	22	1609AST			0	0			<b>Heavy Rain</b>
	Flooded home was reported at Barrio Sabana.								
<b>PRZ005</b>									
	<b>North Central</b>								
	22	1520AST			0	0	5K		<b>Strong Wind</b>
	Strong winds blew off the zinc roof of a home at Barrio Rio Lajas, Los Ayalas sector in the municipality of Toa Alta.								
<b>PRZ001</b>									
	<b>San Juan And Vicinity</b>								
	22	1750AST			0	0	2K		<b>Strong Wind</b>
	Strong winds blew off a tent which fell over power lines at Hermanas Davila in Bayamon City.								
<b>PRZ005</b>									
	<b>North Central</b>								
	22	1800AST			0	0			<b>Landslide</b>
	Landslide was reported at Barrio Almirante Norte, road 160 in the municipality of Vega Baja.								
<b>North Central</b>									
<b>Arecibo</b>	22	1803AST			0	0			<b>Heavy Rain</b>
	A flooded home was reported at Sector Arenas.								
<b>North Central</b>									
<b>Arecibo</b>	22	1828AST			0	0			<b>Heavy Rain</b>
	A flooded home was reported at Barrio Santana.								
<b>North Central</b>									
<b>Arecibo</b>	22	1950AST			0	0			<b>Heavy Rain</b>
	Urban flooding was reported at Barrio Bajadero.								
<b>Ponce And Vicinity</b>									
<b>Juana Diaz</b>	22	2145AST			0	0			<b>Heavy Rain</b>
	Road 149, Intersection with road 552 was reported impassable.								
<b>PRZ005-008&gt;009</b>									
	<b>North Central - Northwest - Western Interior</b>								
	23	0904AST 0923AST			0	0			<b>Landslide</b>
	Landslide was reported at Barrio Bajadero, Sector Carreras 2 in the Arecibo municipality.								

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------	---------------------------------	---------------------------------	-------	--------------------

## PUERTO RICO

<b>PRZ001</b>	<b>San Juan And Vicinity</b>	<b>27</b>	<b>1500AST</b>		<b>0</b>	<b>0</b>			<b>Flood</b>
	Street flooding and water over a small bridge were reported at Villa Nevarez in Rio Piedras.								
<b>Ponce And Vicinity</b>		<b>29</b>	<b>1530AST</b>		<b>0</b>	<b>0</b>			<b>Heavy Rain</b>
<b>Ponce</b>	Afternoon showers and thunderstorms caused urban flooding in the city of Ponce. A spotter reported 4.92 inches of rain for the period from 1530-1850.		<b>1900AST</b>						

## RHODE ISLAND

<b>RIZ001</b>	<b>Northwest Providence</b>	<b>02</b>	<b>2102EST</b>		<b>0</b>	<b>0</b>	<b>35K</b>		<b>High Wind (G50)</b>
	Low pressure moving through the mid Atlantic states brought strong southeast winds to parts of southern New England, including the higher elevations of northern Rhode Island where a gust to 58 mph was reported by an amateur radio operator. Several trees were blown down in Foster and Burrillville. There were no reports of injuries.		<b>03 0019EST</b>						

## SOUTH CAROLINA, Central

<b>Richland County</b>		<b>08</b>	<b>1612EST</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail(0.75)</b>
<b>4 NW Pontiac</b>	Sheriff reported 3/4 inch hail near the Clemson Ag Experimental Station.								
<b>Fairfield County</b>		<b>08</b>	<b>1807EST</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail(0.75)</b>
<b>2 SSW Winnsboro to</b>	Public called in with a couple of reports of penny size hail.		<b>1815EST</b>						
<b>3 SE Blair</b>									
<b>Lancaster County</b>		<b>08</b>	<b>1820EST</b>		<b>0</b>	<b>0</b>	<b>125K</b>	<b>0</b>	<b>Lightning</b>
<b>Lancaster</b>	Lightning struck a home on Westmoreland Drive and caused significant damage.								
<b>Newberry County</b>		<b>12</b>	<b>1849EST</b>	<b>0.2</b>	<b>60</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Tornado (F0)</b>
<b>6 S Whitmire</b>	FOX TV reported a tornado briefly touched down near hwys 176 and 121. The twister only damaged some trees.		<b>1850EST</b>						
<b>Lexington County</b>		<b>12</b>	<b>1955EST</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail(0.75)</b>
<b>Red Bank</b>	HAM radio operator reported 3/4 inch hail.								
<b>Aiken County</b>		<b>22</b>	<b>1411EST</b>		<b>0</b>	<b>0</b>			<b>Hail(1.75)</b>
<b>North Augusta</b>	SKYWARN HAM reported golf ball size hail.								
<b>Newberry County</b>		<b>22</b>	<b>1515EST</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Thunderstorm Wind (G50)</b>
<b>Chappells</b>	Sheriff reported several trees down in Chappells.								
<b>Aiken County</b>		<b>22</b>	<b>1525EST</b>		<b>0</b>	<b>0</b>			<b>Hail(0.88)</b>
<b>North Augusta</b>	Public reported nickel size hail.								
<b>Saluda County</b>		<b>22</b>	<b>1525EST</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail(0.75)</b>
<b>2 E Saluda</b>	Sheriff reported 3/4 inch hail on hwy 378.								
<b>Aiken County</b>		<b>22</b>	<b>1535EST</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail(0.75)</b>
<b>Aiken</b>	SKYWARN HAM reported 3/4 inch hail.								

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b><u>SOUTH CAROLINA, Central</u></b>									
<b>Lexington County</b>									
8 NW Lexington	22	1540EST			0	0	0	0	Hail(0.75)
		SKYWARN HAM reported 3/4 inch hail at Lake Murray.							
<b>Saluda County</b>									
Batesburg	22	1545EST			0	0	0	0	Hail(0.75)
		SKYWARN HAM reported 3/4 inch hail.							
<b>Aiken County</b>									
Clearwater	22	1550EST			0	0	0	0	Hail(0.75)
		Sheriff reported 3/4 inch hail.							
<b>Aiken County</b>									
New Ellenton	22	1550EST			0	0	0	0	Thunderstorm Wind (G50)
		Sheriff reported trees down on Cedar Branch Road and also Windy Lane.							
<b>Aiken County</b>									
North Augusta	22	1600EST 1615EST			0	0		0	Thunderstorm Wind (G60)
		Sheriff reported trees and powerlines down.							
<b>Richland County</b>									
2 NNE Ballentine	22	1600EST			0	0	0	0	Hail(0.75)
		Public reported 3/4 inch hail in the Ballentine and south Chapin areas.							
<b>Lexington County</b>									
10 E Lexington	22	1610EST			0	0	0	0	Thunderstorm Wind (G55)
		Emergency Manager reported several trees down in Oak Grove.							
<b>Fairfield County</b>									
5 E Blair to Jenkinsville	22	1615EST			0	0	0	0	Thunderstorm Wind (G60)
		Sheriff reported trees down over the western portions of the county.							
<b>Richland County</b>									
Columbia	22	1637EST			0	0		0	Thunderstorm Wind (G50)
		Highway dept reported several trees down around the city of Columbia.							
<b>Calhoun County</b>									
15 NW St Matthews	22	1638EST			0	0		0	Thunderstorm Wind (G50)
		Electric coop reported large branches and powerlines down just north of Sandy Run.							
<b>Orangeburg County</b>									
11 SW Orangeburg to 7 SW Orangeburg	22	1640EST 1650EST			0	0	0	0	Thunderstorm Wind (G55)
		Sheriff reported trees down on hwy 70 and also Slab Landing Road.							
<b>Fairfield County</b>									
6 ESE Ridgeway	22	1641EST			0	0	0	0	Thunderstorm Wind (G50)
		Highway dept reported several trees down.							
<b>Kershaw County</b>									
Lugoff	22	1646EST			0	0			Hail(1.50)
		Public reported ping pong ball size hail.							
<b>Richland County</b>									
Hopkins	22	1652EST			0	0		0	Thunderstorm Wind (G60)
		Electric coop reported trees and powerlines down.							
<b>Calhoun County</b>									
1 N St Matthews	22	1655EST			0	0	0	0	Thunderstorm Wind (G55)
		Sheriff reported trees down on U.S. 601 just north of St. Matthews.							
<b>Bamberg County</b>									
Countywide	22	1700EST			0	0		0	Thunderstorm Wind (G60)
		Sheriff reported trees down across the county.							



# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## SOUTH CAROLINA, Central

### Barnwell County

<b>Williston to Blackville</b>	<b>22</b>	<b>1700EST</b> <b>1715EST</b>			<b>0</b>	<b>0</b>		<b>0</b>	<b>Thunderstorm Wind (G75)</b>
--------------------------------	-----------	----------------------------------	--	--	----------	----------	--	----------	--------------------------------

Pilot reported numerous trees and powerlines down from Williston to Blackville.

### Sumter County

<b>Shaw Afb</b>	<b>22</b>	<b>1715EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Thunderstorm Wind (G55)</b>
-----------------	-----------	----------------	--	--	----------	----------	----------	----------	--------------------------------

Shaw military police reported several trees down on the base.

### Orangeburg County

<b>Santee</b>	<b>22</b>	<b>1744EST</b>			<b>0</b>	<b>0</b>		<b>0</b>	<b>Thunderstorm Wind (G60)</b>
---------------	-----------	----------------	--	--	----------	----------	--	----------	--------------------------------

Electric coop reported trees and powerlines down in Santee.

### Mccormick County

<b>16 NW Mc Cormick</b>	<b>30</b>	<b>0857EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Thunderstorm Wind (G50)</b>
-------------------------	-----------	----------------	--	--	----------	----------	----------	----------	--------------------------------

Sheriff reported a couple of trees down on hwy 823 near Mt. Carmel.

### Mccormick County

<b>12 SSE Mc Cormick</b>	<b>30</b>	<b>0923EST</b>			<b>0</b>	<b>0</b>		<b>0</b>	<b>Thunderstorm Wind (G50)</b>
--------------------------	-----------	----------------	--	--	----------	----------	--	----------	--------------------------------

Park Service reported powerlines and large signs blown down.

### Lexington County

<b>Pelion to South Congaree</b>	<b>30</b>	<b>1112EST</b> <b>1126EST</b>			<b>0</b>	<b>0</b>		<b>0</b>	<b>Thunderstorm Wind (G55)</b>
---------------------------------	-----------	----------------------------------	--	--	----------	----------	--	----------	--------------------------------

Utility company reported some trees and powerlines down from Pelion to S. Congaree.

## SOUTH CAROLINA, North Coastal

## SOUTH CAROLINA, Northwest

### SCZ004-006-019

#### Greater Oconee - Greater Greenville - Greenwood

<b>02</b>	<b>1200EST</b> <b>1900EST</b>			<b>0</b>	<b>0</b>	<b>35K</b>		<b>High Wind (G55)</b>
-----------	----------------------------------	--	--	----------	----------	------------	--	------------------------

High winds developed around noon across the Upstate, and continued through the afternoon hours. Numerous trees and power lines were blown down, some onto vehicles. At least one tree fell on and damaged a home in Greenwood County

### Pickens County

<b>Central</b>	<b>05</b>	<b>1300EST</b>			<b>0</b>	<b>0</b>		<b>Heavy Rain</b>
----------------	-----------	----------------	--	--	----------	----------	--	-------------------

Recent heavy rain (3.27 inches reported at KAND from 3/27 through 4/2) were blamed for washing away the underpinnings of a county road passing through the campus of Southern Wesleyan University. A small sinkhole developed in the middle of the road as a result. A 35-year-old male employee of the university died of suffocation (indirect) when he fell in the hole.

### Anderson County

<b>6 SSE Anderson</b>	<b>12</b>	<b>1655EST</b> <b>1700EST</b>			<b>0</b>	<b>0</b>		<b>Hail(1.50)</b>
-----------------------	-----------	----------------------------------	--	--	----------	----------	--	-------------------

### Anderson County

<b>Honea Path</b>	<b>12</b>	<b>1715EST</b>			<b>0</b>	<b>0</b>	<b>1K</b>	<b>Thunderstorm Wind (G55)</b>
-------------------	-----------	----------------	--	--	----------	----------	-----------	--------------------------------

Several trees blown down and shingles off a roof.

### Abbeville County

<b>Donalds</b>	<b>12</b>	<b>1715EST</b>			<b>0</b>	<b>0</b>		<b>Hail(1.75)</b>
----------------	-----------	----------------	--	--	----------	----------	--	-------------------

Also, public reported 1.00 inch hail 3 NW of the town of Due West around the same time. Public also reported 0.88 inch hail in Donalds.

### Anderson County

<b>10 SE Anderson to 12 SE Anderson</b>	<b>12</b>	<b>1715EST</b>	<b>3</b>	<b>50</b>	<b>0</b>	<b>0</b>	<b>3K</b>	<b>Tornado (F0)</b>
---	-----------	----------------	----------	-----------	----------	----------	-----------	---------------------

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--	---------------------------------------	--------------------

## SOUTH CAROLINA, Northwest

This weak tornado touched down near highway 185, just east of the 413 intersection, where some pine trees were snapped. The tornado produced intermittent damage over the next 3 miles. Large tree limbs were blown down just east of Wright Elementary. The tornado continued east/northeast, causing roof damage to a church near Saylor's Crossing. A pine tree was uprooted near this location as well. The tornado blew down some large limbs before lifting near the intersection of SSR 119 and highway 20. Public works also reported ping-pong ball sized hail in the southern part of the county at this time (exact location unspecified).

### Abbeville County

Donalds to  
6 N Due West

12 1715EST 0 0 Thunderstorm Wind (G50)

Trees and power lines down. Lines also reported down 6 miles north of the town of Due West.

### Abbeville County

Abbeville

12 1720EST 0 0 10K Thunderstorm Wind (G55)

Numerous trees and power lines blown down in and around the city. At least one tree fell on a house.

### Abbeville County

3 NW Donalds

12 1730EST 0 0 Hail(0.75)

### Greenwood County

Hodges

12 1752EST 0 0 Hail(0.75)

Spotter also relayed non-specific report of large hail. Also non-specific report of large hail 3 SE Hodges along highway 25.

### Laurens County

Laurens

12 1815EST 0 0 Hail(0.75)

### Laurens County

Waterloo

12 1815EST 0 0 Thunderstorm Wind (G50)

Trees down in Waterloo.

### Oconee County

Salem

22 1255EST 0 0 Hail(1.75)

Golfball sized hail also reported on Little River Baptist Church Road, 5 miles NNW of Salem at 1:57 PM EST.

### Oconee County

Salem

22 1300EST 0 0 1K Lightning

Lightning struck a barn, starting a small fire.

### Abbeville County

Lowndesville

22 1310EST 0 0 Hail(0.75)

### Oconee County

Seneca

22 1315EST 0 0 5K Thunderstorm Wind (G50)

A 60 foot tree reported on a house with some structural damage in Seneca. Ham radio report of numerous trees down across southern Oconee County. Several roads were closed due to fallen trees. Newspaper reported 600 customers lost power.

### Pickens County

8 WNW Pickens

22 1315EST 0 0 Thunderstorm Wind (G70)

Spotter estimated winds of 75 to 100 mph. He counted over 100 large trees uprooted in a divergent pattern in a 25 acre area near the Keowee Mountain Estates off of highway 133 near Nine Times.

### Pickens County

Six Mile

22 1316EST 0 0 Hail(1.00)

### Pickens County

6 WNW Pickens to  
Liberty

22 1320EST 0 0 10K Thunderstorm Wind (G60)

Divergent damage path ran from the intersection of Shady Grove and Martin School Rds to highway 178 north of Pickens. Spotter estimated 65 mph winds in Pickens. Several trees and lines down from Pickens to Liberty. At least one tree fell on a house near Liberty High School. A car was blown into another car at the Nissan plant near Liberty.

### Pickens County

3 NNW Pickens to  
6 NE Pickens

22 1326EST 8 75 0 0 15K Tornado (F1)

This tornado touched down just northwest of Pickens, where 3 barns were destroyed near the intersection of Gravley Rd and Artie Rd. Numerous trees were blown down from the intersection of Red Hill and Reece Mill Rds east to highway 178. The tornado continued an intermittent ENE track, snapping off and uprooting numerous trees along an 8 mile path before lifting west of Dacusville. At least one tree fell on a house, and at least one car was damaged. Newspaper reported thousands of power outages across the county. There was also a spotter report of mothball hail in Pickens at 2:30.

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b><u>SOUTH CAROLINA, Northwest</u></b>									
<b>Anderson County</b>									
Anderson	22	1329EST			0	0			Hail(1.00)
<b>Pickens County</b>									
Sunset	22	1335EST			0	0			Thunderstorm Wind (G50)
			Trees blocked highway 11.						
<b>Pickens County</b>									
Easley	22	1335EST			0	0	10K		Thunderstorm Wind (G60)
			Numerous trees down on roads and power lines. At least 1 tree fell on a house, and at least one other fell on a car. Newspaper reported a total of 22 broken power poles across the county.						
<b>Pickens County</b>									
Easley	22	1335EST			0	0			Hail(1.75)
<b>Greenville County</b>									
Greenville to Greer	22	1349EST 1403EST			0	0	25K		Thunderstorm Wind (G60)
			County reported numerous trees and power lines blown down, mainly from the north and east sides of Greenville to Taylors and Greer. At least 2 trees fell on houses and several fell on vehicles. A piece of sheet metal was peeled from the roof of a building on Trade St in downtown Greer. In addition, a 51 knot gust was measured at Donaldson Center at 2:51 PM EST.						
<b>Anderson County</b>									
Anderson	22	1350EST			0	0			Hail(0.75)
<b>Greenville County</b>									
Simpsonville	22	1357EST			0	0	5K		Thunderstorm Wind (G50)
			Several people reported numerous trees down. A 12 inch diameter oak tree fell on a vehicle and the roof of one residence.						
<b>Abbeville County</b>									
Countywide	22	1403EST			0	0			Thunderstorm Wind (G50)
			Trees down in unspecified locations in the county.						
<b>Abbeville County</b>									
Lowndesville	22	1403EST			0	0			Hail(0.88)
<b>Spartanburg County</b>									
Greer to 6 S Lyman	22	1406EST 1411EST			0	0	15K		Thunderstorm Wind (G60)
			A portion of a roof was torn off an unoccupied store at Hillview Plaza. BMW reported a temporary construction wall collapsed at their plant. Trees and lines down near Lyman and also in Duncan.						
<b>Greenville County</b>									
11 N Greenville	22	1410EST			0	0			Hail(0.75)
			Public report on highway 253 between North Greenville College and Greenville.						
<b>Abbeville County</b>									
Abbeville	22	1415EST			0	0			Lightning
			Lightning was responsible for a power outage in the city that lasted about 2 hours.						
<b>Spartanburg County</b>									
Spartanburg	22	1417EST 1422EST			0	0			Thunderstorm Wind (G50)
			Quite a few trees and power lines down in and around the city.						
<b>Greenwood County</b>									
South Greenwood	22	1425EST 1435EST			0	0	2K		Thunderstorm Wind (G50)
			Scattered trees down across the southern part of the county, including on the south side of the city and in Ninety Six. One house had roof damage in Greenwood.						
<b>Cherokee County</b>									
Countywide	22	1440EST 1445EST			0	0			Thunderstorm Wind (G50)
			Scattered trees and lines down across the southern part of the county.						
<b>Laurens County</b>									
Waterloo	22	1444EST			0	0			Thunderstorm Wind (G50)
			Trees down and non-specific large hail.						

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## SOUTH CAROLINA, Northwest

### Greenwood County

**Greenwood**      22      1445EST      0      0      **Thunderstorm Wind (G50)**  
A couple of trees blown down on the northwest side of Greenwood.

### Union County

**Union**      22      1452EST      0      0      3K      **Thunderstorm Wind (G50)**  
Tree fell on a car and a portable, electronic sign was blown across a parking lot. Also, marble hail covered the ground.

### Abbeville County

**Abbeville**      22      1700EST      0      0      10K      **Lightning**  
Lightning struck the steeple of Abbeville Presbyterian Church, igniting a fire.

## SOUTH CAROLINA, South Coastal

### SCZ042

#### Hampton

**02**      1300EST  
1800EST      1      0      **Strong Wind**

Deep low pressure developed to the north of the region. Southern South Carolina, including Hampton county, was in a dry slot on the 2nd with sunny skies allowing the atmosphere to mix into very strong winds aloft. Wind gusts to 50 mph were common across the region. This brought numerous trees down across the region. One man was killed when a tree landed on his truck in Yemassee. M45VE

### Charleston County

**James Is**      13      1525EST  
1535EST      0      0      **Hail(1.00)**  
Hail up to the size of quarters fell on James Island.

### Hampton County

**Varnville**      22      1721EST  
1725EST      0      0      **Hail(1.00)**

### Jasper County

**Grays to  
Hardeeville**      22      1730EST  
1800EST      0      0      **Thunderstorm Wind (G50)**  
Thunderstorm winds knocked down trees.

### Hampton County

**4 ESE Estill to  
Furman**      30      1330EST  
1340EST      0      0      **Thunderstorm Wind (G50)**  
Thunderstorm winds knocked down trees. Nickel size hail fell near Estill.

### Jasper County

**12 WNW Ridgeland**      30      1330EST  
1335EST      0      0      **Thunderstorm Wind (G50)**  
Thunderstorm winds knocked down trees along Highway 321.

### Beaufort County

**Sheldon**      30      1400EST  
1405EST      0      0      **Thunderstorm Wind (G50)**  
Thunderstorm winds knocked down trees, a few which were partially blocking Highway 17.

## SOUTH DAKOTA, Central and North

## SOUTH DAKOTA, Southeast

### SDZ069

#### Yankton

**03**      1300CST  
1700CST      0      0      **Wildfire**

Numerous grass fires were reported across Yankton County as strong winds combined with dry weather conditions and dry vegetation. The fires burned mainly in fields, with several along railroad tracks. No reports of damage amounts were received

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
<b><u>SOUTH DAKOTA, Southeast</u></b>							
<b>Clay County</b>							
1 N Vermillion	05	2343CST			0 0		Hail(0.75)
<b>Turner County</b>							
2 N Davis	06	0125CST 0225CST			0 0		Flash Flood
Runoff from heavy rain caused flooding of low areas and some roads, including Turner County Road 41.							
<b>Minnehaha County</b>							
Sioux Falls	10	0350CST			0 0		Hail(1.00)
Hail mostly pea to marble size included a few quarter size stones.							
<b>Bon Homme County</b>							
Tyndall	10	0430CST			0 0	70K	Thunderstorm Wind (G69)
Bleachers and track equipment at a high school football field and track were blown over and heavily damaged. A few tree branches were blown down in town, but most of the damage was confined to the school area.							
<b>Bon Homme County</b>							
Scotland	10	0445CST			0 0	150K	Thunderstorm Wind (G78)
Thunderstorm winds blew over and heavily damaged a concession stand at a ball park, damaged front of two businesses on Main Street, blew down several trees, damaged several small buildings at nearby farms, and injured several calves.							
<b>Hutchinson County</b>							
Menno to 6 N Menno	10	0500CST 0510CST			0 0	500K	Thunderstorm Wind (G78)
Thunderstorm winds caused widespread damage in Menno. Numerous trees including several large trees were uprooted. Numerous homes were damaged, some directly by the wind and others by tree and other debris. Garages were especially hard hit, including at least one garage which was destroyed. A grain elevator was damaged, with a catwalk and conveyor being blown over. An historical post office addition to a log building was destroyed, doors and part of the roof of a flour mill were blown down, and doors were blown off several other buildings. Many homes and other buildings had windows broken and siding damaged. A few small storage buildings were destroyed, and others were damaged or blown over. Several farms were heavily damaged, with machine sheds, at least one hog barn, and several other small structures destroyed. Several vehicles were damaged, including one pickup which was pushed partly onto the porch of a house. Power lines and poles were blown down, resulting in a power outage in Menno.							
<b>Turner County</b>							
Dolton	10	0530CST 0540CST			0 0	50K	Thunderstorm Wind (G69)
Thunderstorm winds damaged trees, power lines, and farm buildings. A 60 foot silo was blown down, grain bins were damaged, and outbuildings were pushed off foundations.							
<b>Hutchinson County</b>							
9 N Freeman	10	0530CST			0 0	1K	Thunderstorm Wind (G52)
Thunderstorm winds blew down a small storage building.							
<b>Mccook County</b>							
Bridgewater	10	0535CST			0 0		Thunderstorm Wind (G61)
Thunderstorm winds damaged trees, including a few trees blown down. The winds also damaged siding and roofs on some homes.							
<b>Mccook County</b>							
Canistota	10	0547CST 0550CST			0 0	250K	Thunderstorm Wind (G78)
Thunderstorm winds damaged numerous homes and other structures, as well as trees and power lines. Roofs were blown off a seed company building, a lumber yard building, and a large machine shed. Additional damage was done to these buildings and others. Shingles were blown off several roofs. The grandstand and one dugout at a ball park was destroyed, and the other dugout, the lights, and the outfield fence were damaged. Debris from the ball park was blown into a yard a block and a half away. Several vehicles were damaged, including windows blown out or knocked out by debris.							
<b>Mccook County</b>							
5 SW Salem	10	0550CST			0 1	10K	Thunderstorm Wind (G61)
Thunderstorm winds blew over a truck on Interstate 90, causing minor injuries to the driver.							
<b>Mccook County</b>							
Montrose	10	0555CST			0 0		Thunderstorm Wind (G52)
Thunderstorm winds caused damage to trees and small buildings. The amount of damage was not known.							

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## SOUTH DAKOTA, Southeast

### Lake County

**2 SE Madison**      **10**      **0625CST**                **0**      **0**                **Thunderstorm Wind (G61)**  
Thunderstorm winds blew over small storage buildings. The amount of damage was not known.

### Lake County

**1 W Nunda**      **16**      **0905CST**                **0**      **0**                **Hail(1.50)**

### Lake County

**6 N Madison**      **16**      **0908CST**                **0**      **0**                **Hail(0.88)**  
Hail covered the ground along Highway 81.

### Lake County

**6 SE Nunda**      **16**      **0913CST**                **0**      **0**                **Hail(1.50)**

### Moody County

**10 N Colman**      **16**      **0920CST**                **0**      **0**                **Hail(1.25)**

### Brookings County

**1 S Elkton**      **16**      **0930CST**                **0**      **0**                **Hail(0.75)**

### Moody County

**8 N Flandreau**      **16**      **0947CST**                **0**      **0**                **Hail(1.00)**

### Lincoln County

**1 S Worthing**      **17**      **1540CST**                **0**      **0**                **Hail(0.88)**

### Lincoln County

**1 SE Worthing**      **17**      **1545CST**                **0**      **0**                **Hail(1.00)**

### Lincoln County

**4 E Harrisburg**      **17**      **1633CST**                **0**      **0**                **Hail(1.00)**

### Clay County

**1 N Vermillion**      **21**      **2140CST**                **0**      **0**                **Flash Flood**  
**22**      **0200CST**  
Runoff from over 3 inches of rain in 4 hours caused flooding of streets, yards, and other low areas.

### Union County

**1 E Junction City**      **21**      **2200CST**                **0**      **0**                **Flash Flood**  
**22**      **0200CST**  
Runoff from 4 inches of rain in 5 hours caused flooding of streets and low areas.

## SOUTH DAKOTA, West

### SDZ049

#### Tripp

**08**      **1000MST**                **0**      **0**      **0**      **0**      **High Wind (G55)**  
**1700MST**

Strong southerly winds developed across south central South Dakota during the late morning and persisted through the afternoon. The strongest winds were felt across Tripp County, where the winds were sustained at 35 to 50 mph, with gusts to 65 mph.

### SDZ002-013>014-032-043>044-046>047-049

#### Perkins - Northern Meade Co Plains - Ziebach - Haakon - Jackson - Bennett - Mellette - Todd - Tripp

**11**      **0600MST**                **0**      **0**      **0**      **0**      **Heavy Snow**  
**1600MST**

A low pressure system moved across the Central Plains on the 10th and 11th. Rain fell across central South Dakota on the 10th and into the morning hours on the 11th. As colder air moved into the area at the end of the storm, the rain changed to snow and fell heavy at times through the morning and early afternoon. A quick 3 to 7 inches of snow fell across many areas from Lemmon to Martin and eastward across central South Dakota. The cooperative observer at Faith measured a total of 9.8 inches of snow.

### Perkins County

#### Bison to 1 E Bison

**14**      **1705MST**                **0**      **0**      **20K**      **0**      **Dust Devil**  
**1710MST**

A dust devil developed on the west side of Bison as a dry cold front passed across the area. As it moved east across town, it blew out windows on several automobiles, damaged a 160 square foot section of roof from a house, and tore shingles off several buildings. The dust devil also pulled a flag pole out of the ground. No one was injured. The dust devil was approximately 20 feet wide and the path length was one and a half miles.

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## SOUTH DAKOTA, West

SDZ024-028

Northern Black Hills - Central Black Hills

21 0300MST 1900MST 0 0 0 0 Winter Storm

A strong spring storm developed across the Central Rockies and moved across the Central Plains. This storm brought heavy snow to the higher elevations of the northern and central Black Hills. Rain and snow changed to all snow during the early morning and continued through the day. The heaviest snow fell at elevations above 5000 feet, where 5 to 10 inches accumulated.

## TENNESSEE, Central

Bedford County

Wartrace

07 1615CST 1830CST 0 0 1K Flash Flood

Potts Road was flooded.

Wilson County

6 S Watertown

07 1705CST 1900CST 0 0 1K Flash Flood

Greenvale Road was flooded.

Cumberland County

11 SW Crab Orchard

12 1735CST 0 0 Hail(0.75)

Cumberland County

Crossville

12 1808CST 0 0 Hail(0.75)

Spotter reported pea tp penny size hail.

Wayne County

8 WSW Waynesboro

21 2007CST 0 0 Hail(0.75)

Dime to penny size hail reported.

Benton County

Camden

21 2245CST 0 0 10K Lightning

Lightning struck the satellite dish and receiver to radio station WFWL in Camden. The radio station's production control board was also damaged. A new board costs about \$2000 to \$3000. There was damage to the station's telephone and computer systems as well.

Benton County

1.4 SE Big Sandy

21 2246CST 0 0 Thunderstorm Wind (G50)

Newspaper article about a large tree falling on Sulphur Creek Road in Big Sandy. The newspaper article mentioned other trees were downed in many parts of the county.

Williamson County

Fairview

22 0020CST 0 0 Hail(0.75)

Robertson County

Cross Plains

22 0459CST 0 0 Hail(0.75)

Benton County

4.5 NE Holladay

22 0525CST 0527CST 0 0 Hail(0.88)

Nickel size hail reported by Spotter.

Hickman County

10 NE Centerville

22 0600CST 0 0 Hail(0.88)

Sheriff's deputy reported nickel size hail was beating down on his patrol car.

Davidson County

Oak Hill

22 0603CST 0604CST 0 0 Hail(0.88)

Nickel size hail reported.

Montgomery County

Clarksville

22 1445CST 0 0 Hail(0.88)

Coffee County

Beech Grove

22 1615CST 0 0 Hail(0.75)

Penny size hail reported by law enforcement and Skywarn Spotter.

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b><u>TENNESSEE, Central</u></b>									
<b>Putnam County</b>									
<b>Baxter</b>	22	1620CST			0	0			Hail(0.75)
		Penny size hail reported.							
<b>Overton County</b>									
<b>Livingston</b>	22	1635CST			0	0			Hail(0.75)
		Penny size hail reported.							
<b>Warren County</b>									
<b>5 WNW Mc Minnville</b>	22	1635CST			0	0			Hail(0.75)
<b>Overton County</b>									
<b>Hilham</b>	22	1640CST			0	0			Hail(0.75)
		Penny size hail reported by spotter.							
<b>Warren County</b>									
<b>2 N Mc Minnville</b>	22	1640CST			0	0			Hail(1.00)
		Spotter reported quarter size hail.							
<b>Coffee County</b>									
<b>Tullahoma</b>	22	1648CST			0	0			Hail(0.88)
		Spotter reported dime to nickel size hail.							
<b>Warren County</b>									
<b>Mc Minnville</b>	22	1655CST			0	0			Hail(1.00)
		Spotter reported dime to quarter size hail.							
<b>Coffee County</b>									
<b>Tullahoma</b>	22	1700CST			0	0			Hail(1.00)
		Spotter reported nickel to quarter size hail.							
<b>Warren County</b>									
<b>Mc Minnville</b>	22	1710CST			0	0			Hail(1.25)
		Hail to half dollar size reported by Spotter at Winddrift Court.							
<b>White County</b>									
<b>Doyle</b>	22	1710CST			0	0			Hail(0.75)
		Penny size hail observed.							
<b>Fentress County</b>									
<b>Grimsley</b>	22	1715CST			0	0			Hail(1.00)
		Quarter size hail reported by spotter.							
<b>White County</b>									
<b>Sparta</b>	22	1715CST			0	0			Hail(1.75)
		Nickel to golf ball size hail reported by spotter							
<b>White County</b>									
<b>Sparta</b>	22	1715CST			0	0			Thunderstorm Wind (G50)
		Tree limbs were blown down.							
<b>Fentress County</b>									
<b>Grimsley</b>	22	1717CST			0	0			Hail(1.75)
		Spotter reported golf ball size hail.							
<b>Pickett County</b>									
<b>4 SE Byrdstown</b>	22	1720CST			0	0			Hail(1.25)
		Half dollar size hail reported.							
<b>Sumner County</b>									
<b>Countywide</b>	22	1730CST 1731CST			0	0			Thunderstorm Wind (G50)
		Several trees were blown down, resulting in 3 roads closed. First was at U.S. Highway 31E at New Shackle Island Road in Hendersonville, second at Hwy 25 and Douglas Ln. in Gallatin and the third Hwy 25 at Rock Springs Road, or about .6 miles northwest of Castalian Springs.							
<b>White County</b>									
<b>Doyle</b>	22	1734CST			0	0			Hail(1.75)



# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## TENNESSEE, Central

Golf ball size hail reported.

### White County

Quebeck	22	1734CST			0	0			Hail(1.75)
---------	----	---------	--	--	---	---	--	--	------------

Golf ball size hail reported.

### Grundy County

Coalmont	22	1735CST			0	0			Hail(1.00)
----------	----	---------	--	--	---	---	--	--	------------

Nickel to quarter size hail reported.

### Cumberland County

3.8 NNW Mayland	22	1740CST			0	0			Hail(0.88)
-----------------	----	---------	--	--	---	---	--	--	------------

Nickel size hail reported by spotter on the Cumberland-Putnam County line.

### Van Buren County

Spencer	22	1815CST			0	0			Hail(0.75)
---------	----	---------	--	--	---	---	--	--	------------

### Pickett County

Byrdstown	22	1830CST			0	0			Hail(0.88)
-----------	----	---------	--	--	---	---	--	--	------------

Sheriff's office reported dime to nickel size hail.

### Van Buren County

Spencer	22	1835CST			0	0			Hail(0.75)
---------	----	---------	--	--	---	---	--	--	------------

### Warren County

8 SW Mc Minnville	22	1700CST			0	0			Hail(0.75)
-------------------	----	---------	--	--	---	---	--	--	------------

Public report of 3/4 inch hail.

### Dickson County

2 SE Dickson	29 30	2220CST 0130CST			0	0	1K		Flash Flood
--------------	----------	--------------------	--	--	---	---	----	--	-------------

Water was over the bridge on Gum Branch Rd.

### Wilson County

4 NW Mt Juliet	29 30	2305CST 0200CST			0	0	1K		Flash Flood
----------------	----------	--------------------	--	--	---	---	----	--	-------------

Water was up to near top of bridge on Needmore Rd. Lots of ponded water on roadway.

### Trousdale County

5 W Hartsville	30	0000CST 0400CST			0	0	1K		Flash Flood
----------------	----	--------------------	--	--	---	---	----	--	-------------

Rankin Road was flooded by creek in two places.

### Sumner County

5.8 NE Gallatin	30	0035CST 0400CST			0	0	1K		Flash Flood
-----------------	----	--------------------	--	--	---	---	----	--	-------------

Deshea Creek was over the road.

## TENNESSEE, East

### Marion County

8 NNW Jasper	01	1725EST 1730EST			0	0	3K		Thunderstorm Wind (G60)
--------------	----	--------------------	--	--	---	---	----	--	-------------------------

Several trees down along Gizzard Road.

### Sequatchie County

6 SSW Dunlap	01	1735EST 1740EST			0	0	1K		Thunderstorm Wind (G50)
--------------	----	--------------------	--	--	---	---	----	--	-------------------------

One tree uprooted along Pickett Road south of Daus.

### Campbell County

3 SW Caryville	02	1642EST 1645EST			0	0			Hail(0.88)
----------------	----	--------------------	--	--	---	---	--	--	------------

Nickel-size hail reported in southwest portion of county.

### Marion County

East Central Portion	07	1325CST 1420CST			0	0			Flash Flood
----------------------	----	--------------------	--	--	---	---	--	--	-------------

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b><u>TENNESSEE, East</u></b>									
Numerous roads closed near streams flowing off Walden Ridge. Some farmland flooded, but no crop damage reported due to early season.									
<b>Bledsoe County</b> <b>South Portion</b>	07	1330CST 1430CST			0	0			<b>Flash Flood</b>
Water over roads in numerous locations.									
<b>Hamilton County</b> <b>West Portion</b>	07	1405EST 1700EST			0	0	100K		<b>Flash Flood</b>
Roads closed along Walden Ridge, especially between Soddy Daisy and Red Bank. Numerous streams flowing off the Cumberland Plateau rose out of banks, damaging several roads and small bridges in the area. Detours caused widespread traffic problems in the area for a few days afterward.									
<b>Sequatchie County</b> <b>East Portion</b>	07	1410CST 1625CST			0	0	5K		<b>Flash Flood</b>
A few roads closed along Walden Ridge as creeks rose out of banks. Buckling of asphalt occurred on a private road.									
<b>Bradley County</b> <b>Countywide</b>	07	1445EST 1620EST			0	0	50K		<b>Flash Flood</b>
Numerous roads closed countywide. One small bridge washed out.									
<b>Rhea County</b> <b>Dayton</b>	07	1500EST 1535EST			0	0			<b>Flash Flood</b>
Numerous roads closed in Dayton. Intersections and underpasses flooded. Some drivers briefly stranded in their cars.									
<b>Morgan County</b> <b>2 E Wartburg</b>	07	1525EST 1535EST			0	0			<b>Hail(1.00)</b>
Quarter-size hail reported east of Wartburg.									
<b>Morgan County</b> <b>3 E Wartburg</b>	07	1530EST 1535EST			0	0			<b>Hail(0.88)</b>
Nickel-size reported east of Wartburg.									
<b>Bledsoe County</b> <b>4 NW Pikeville</b>	12	1805EST 1810EST			0	0			<b>Hail(0.75)</b>
Penny-size hail reported on Wheeler Mountain on the Cumberland Plateau.									
<b>Polk County</b> <b>5 S Benton</b>	12	1914EST 1920EST			0	0			<b>Thunderstorm Wind (G50)</b>
One tree down on Welcome Valley Road south of Benton.									
<b>Mcminn County</b> <b>Etowah</b>	12	1946EST 1955EST			0	0			<b>Hail(1.00)</b>
Quarter-size hail reported in and around Etowah.									
<b>Mcminn County</b> <b>2 N Niota</b>	12	1957EST 2005EST			0	0			<b>Hail(0.75)</b>
Dime-size hail nearly covering the ground on County Road 351.									
<b>Loudon County</b> <b>6 W Loudon</b>	12	2001EST 2010EST			0	0			<b>Hail(0.75)</b>
Penny-size hail reported near Roane County border.									
<b>Monroe County</b> <b>Sweetwater</b>	12	2015EST 2020EST			0	0			<b>Hail(0.88)</b>
Nickel-size hail reported near Sweetwater.									

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
<b><u>TENNESSEE, East</u></b>							
<b>Roane County</b>							
Harriman	12	2200EST 2205EST			0 0	2K	Thunderstorm Wind (G60)
							Two trees reported down on powerlines in Harriman.
<b>Monroe County</b>							
Sweetwater	22	1020EST 1030EST			0 0	1K	Thunderstorm Wind (G50)
							One tree down in Sweetwater.
<b>Roane County</b>							
5 SW Kingston	22	1022EST 1030EST			0 0	5K	Thunderstorm Wind (G65)
							Several trees down on and along River Road on Highway 304.
<b>Roane County</b>							
Harriman	22	1025EST 1035EST			0 0	5K	Thunderstorm Wind (G65)
							Several trees down on and along Cumberland Street in Harriman.
<b>Monroe County</b>							
Madisonville	22	1025EST 1030EST			0 0		Hail(0.88)
							Nickel-size hail in Madisonville.
<b>Anderson County</b>							
Oak Ridge	22	1040EST 1050EST			0 0		Thunderstorm Wind (G60)
<b>Knox County</b>							
Knoxville	22	1045EST 1055EST			0 0	5K	Thunderstorm Wind (G65)
							Numerous trees and powerlines down countywide.
<b>Blount County</b>							
Maryville	22	1101EST 1115EST			0 0	5K	Thunderstorm Wind (G65)
							Several trees down countywide.
<b>Union County</b>							
3 E Sharps Chapel	22	1130EST 1140EST			0 0	5K	Thunderstorm Wind (G65)
							Several trees down.
<b>Grainger County</b>							
Buffalo Spgs	22	1140EST 1150EST			0 0	5K	Thunderstorm Wind (G65)
							Several trees and powerlines down in Buffalo Springs.
<b>Grainger County</b>							
Rutledge	22	1143EST 1150EST			0 0		Hail(0.75)
							Penny-size hail in Rutledge.
<b>Hamblen County</b>							
5 SW Morristown	22	1144EST 1155EST			0 0	5K	Thunderstorm Wind (G65)
							A power pole and several powerlines down in Alpha near intersection of Highway 11E and Highway 160.
<b>Cocke County</b>							
Bybee	22	1152EST 1200EST			0 0		Thunderstorm Wind (G60)
							Estimated 60 mph winds in Bybee area.
<b>Greene County</b>							
Mosheim	22	1235EST 1245EST			0 0	3K	Thunderstorm Wind (G65)
							A few trees down in the south half of county.

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b><u>TENNESSEE, East</u></b>									
<b>Sequatchie County</b>									
<b>Cagle</b>	22	1830EST 1840EST			0	0			Hail(1.00)
<b>Bledsoe County</b>									
<b>7 SW Pikeville</b>	22	1845EST 1855EST			0	0			Hail(1.00)
		Quarter-size hail							
<b>Morgan County</b>									
<b>Sunbright</b>	22	1850EST 1900EST			0	0			Hail(1.75)
		Golf-ball size hail.							
<b>Marion County</b>									
<b>7 SW Whitwell</b>	22	1900EST 1910EST			0	0			Hail(1.00)
		Quarter-size hail							
<b>Morgan County</b>									
<b>2 NE Sunbright</b>	22	1915EST 1925EST			0	0			Hail(1.00)
		Quarter-size hail.							
<b>Bledsoe County</b>									
<b>2 N Pikeville</b>	22	1916EST 1925EST			0	0			Hail(1.00)
		Quarter-size hail.							
<b>Rhea County</b>									
<b>Dayton</b>	22	1920EST 1930EST			0	0	2K		Thunderstorm Wind (G65)
		A few trees down in Dayton.							
<b>Bledsoe County</b>									
<b>Pikeville</b>	22	1920EST 1930EST			0	0	5K		Thunderstorm Wind (G65)
		Numerous trees down countywide.							
<b>Campbell County</b>									
<b>3 SW Jellico</b>	22	1930EST 1940EST			0	0			Hail(1.00)
		Quarter-size hail.							
<b>Meigs County</b>									
<b>Ten Mile</b>	22	1930EST 1940EST			0	0	3K		Thunderstorm Wind (G65)
		A few trees down in Ten Mile.							
<b>Union County</b>									
<b>2 S Maynardville</b>	22	1940EST 1950EST			0	0			Hail(1.00)
		Quarter-size hail.							
<b>Monroe County</b>									
<b>Sweetwater</b>	22	1945EST 1955EST			0	0			Hail(0.75)
		Penny-size hail.							
<b>Knox County</b>									
<b>Knoxville</b>	22	1945EST 1955EST			0	0			Hail(1.75)
		Golfball-size hail in Knoxville.							
<b>Mcminn County</b>									
<b>Athens</b>	22	1950EST 2000EST			0	0			Hail(0.75)
		Penny-size hail.							

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b><u>TENNESSEE, East</u></b>									
<b>Blount County</b> 2 N Maryville	22	1950EST 2000EST			0	0	3K		Thunderstorm Wind (G65)
									A few trees down in the Rockford area. Reported by the Highway Department.
<b>Polk County</b> Benton	22	2010EST 2020EST			0	0			Hail(0.75)
									Penny-size hail.
<b>Loudon County</b> Lenoir City	22	2010EST 2020EST			0	0			Hail(0.75)
									Penny-size hail.
<b>Grainger County</b> Buffalo Spgs	22	2015EST 2025EST			0	0			Hail(0.75)
									Penny-size hail in Buffalo Springs area.
<b>Jefferson County</b> Jefferson City	22	2024EST 2035EST			0	0			Hail(1.75)
									Golfball-size hail in Jefferson City.
<b>Hamblen County</b> Morristown	22	2030EST 2040EST			0	0	25K		Thunderstorm Wind (G70)
									A roof was blown off a house on Kidwells Ridge Road.
<b>Hamblen County</b> Russellville	22	2045EST 2055EST			0	0			Hail(0.75)
									Penny-size hail.
<b>Jefferson County</b> 1 NE Jefferson City	22	2045EST 2055EST			0	0			Hail(0.88)
									Nickel-size hail
<b>Cocke County</b> Bybee	22	2049EST 2100EST			0	0			Hail(0.75)
									Penny-size hail.
<b>Hawkins County</b> Mooresburg	22	2055EST 2100EST			0	0			Hail(1.00)
									Quarter-size hail.
<b>Greene County</b> 5 SW Greeneville	22	2100EST 2110EST			0	0			Hail(1.00)
									Quarter-size hail.
<b>Greene County</b> Greeneville	22	2120EST 2130EST			0	0	3K		Thunderstorm Wind (G65)
									Several trees down in Greeneville.
<b>Hawkins County</b> Mooresburg	22	2130EST 2145EST			0	0	5K		Thunderstorm Wind (G65)
									Trees down in Mooresburg, St Clair, Fields Gap and Clinch Valley.
<b>Sullivan County</b> Sullivan Gardens	22	2135EST 2145EST			0	0			Hail(0.88)
									Nickel-size hail.

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--	---------------------------------------	--------------------

## TENNESSEE, East

### Washington County

Liberty	22	2147EST 2200EST			0 0	3K	Thunderstorm Wind (G65)
---------	----	--------------------	--	--	-----	----	-------------------------

Several trees down in Liberty.

### Mcminn County

3 E Calhoun	22	2155EST 2205EST			0 0		Hail(0.75)
-------------	----	--------------------	--	--	-----	--	------------

Penny-size hail.

### Sullivan County

Bluff City	22	2155EST 2200EST			0 0	2K	Thunderstorm Wind (G50)
------------	----	--------------------	--	--	-----	----	-------------------------

One tree down in Bluff City on Dry Branch Road.

### Monroe County

3 N Madisonville	22	2158EST 2210EST			0 0		Hail(0.75)
------------------	----	--------------------	--	--	-----	--	------------

Penny-size hail

### Blount County

2 W Maryville	22	2200EST 2210EST			0 0		Hail(0.75)
---------------	----	--------------------	--	--	-----	--	------------

Penny-size hail.

### Bradley County

Cleveland	26	1925EST 1935EST			0 0	86K	Thunderstorm Wind (G45)
-----------	----	--------------------	--	--	-----	-----	-------------------------

Bradley County EMA reported straight line wind damage across a 2 mile path in Cleveland. 13 structures were damaged.

## TENNESSEE, South Central

### Lincoln County

5 S Fayetteville	01	1517CST 1518CST			0 0		Thunderstorm Wind (G50)
------------------	----	--------------------	--	--	-----	--	-------------------------

A tree and power pole were blown down by thunderstorm winds in Park City.

### Franklin County

Huntland	01	1540CST 1541CST			0 0		Thunderstorm Wind (G50)
----------	----	--------------------	--	--	-----	--	-------------------------

Estimated thunderstorm wind gust of 60 mph was reported in Huntland.

### Franklin County

Huntland	22	1701CST 1704CST			0 0		Hail(0.75)
----------	----	--------------------	--	--	-----	--	------------

Penny size hail was reported.

### Franklin County

Sewanee	22	1742CST 1745CST			0 0		Hail(0.75)
---------	----	--------------------	--	--	-----	--	------------

Penny size hail was reported.

## TENNESSEE, West

### Shelby County

Millington	06	1420CST 1425CST			0 0	0.01K	Hail(0.75)
------------	----	--------------------	--	--	-----	-------	------------

### Weakley County

Martin	06	1700CST 1705CST			0 0	10K	Thunderstorm Wind (G50)
--------	----	--------------------	--	--	-----	-----	-------------------------

Several tree limbs were blown down. Some of the fallen limbs snapped a power pole.

### Mcniary County

Ramer	06	1800CST 2000CST			0 0	1K	Flash Flood
-------	----	--------------------	--	--	-----	----	-------------

Several roads were flooded.

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b><u>TENNESSEE, West</u></b>									
<b>Madison County</b>									
<b>Bemis</b>	11	1915CST 1920CST			0	0	15K		Thunderstorm Wind (G55)
Four power poles were blown down onto a gas station. Several telephone lines were also blown down.									
<b>Carroll County</b>									
<b>Huntingdon</b>	22	0200CST 0205CST			0	0	10K		Thunderstorm Wind (G50)
A large tree limb was knocked down damaging a house and a fence.									
<b>Shelby County</b>									
<b>Memphis</b>	22	0423CST 0430CST			0	0	900K		Thunderstorm Wind (G60)
Several mobile homes were blown off of their foundation just east of the Memphis International Airport. Some trees were also knocked down. One tree limb fell on a power line and started a fire to a house in East Memphis. Another large tree fell down and damaged a home in the Midtown section of Memphis.									
<b>Shelby County</b>									
<b>Germantown</b>	22	0440CST 0445CST			0	0	15K		Thunderstorm Wind (G50)
One house was damaged. A few trees were blown down.									
<b>Madison County</b>									
<b>Bemis</b>	22	0500CST 0505CST			0	0	25K		Thunderstorm Wind (G55)
The First Baptist Church of Bemis was damaged.									
<b>Hardin County</b>									
<b>Savannah</b>	22	0600CST 0605CST			0	0	10K		Thunderstorm Wind (G55)
One large oak tree was blown down on a house.									
<b>Lauderdale County</b>									
<b>3 N Ripley</b>	29	1510CST 1515CST			0	0	0.75K		Hail(1.75)
<b>Crockett County</b>									
<b>4 SE Friendship</b>	29	1535CST 1540CST			0	0	0.01K		Hail(0.75)
<b>Tipton County</b>									
<b>Gilt Edge to 2 W Covington</b>	29	1642CST 1655CST			0	0	8.5K		Hail(2.75)
<b><u>TEXAS, Central</u></b>									
<b>Runnels County</b>									
<b>Rowena</b>	21	1708CST			0	0			Hail(0.75)
<b>Tom Green County</b>									
<b>5 NE Wall</b>	21	1745CST			0	0			Hail(1.00)
<b>Tom Green County</b>									
<b>2 NNE Wall to 2.5 NE Wall</b>	21	1753CST 1759CST	0.5	30	0	0			Tornado (F0)
Landspout tornado developed just to the the northeast of the Wall community. This tornado was confirmed through video and remained in open fields.									
<b>Tom Green County</b>									
<b>Wall</b>	21	1820CST			0	0			Hail(0.88)
<b>Tom Green County</b>									
<b>2 E Wall</b>	21	1823CST			0	0			Hail(0.88)
<b>Tom Green County</b>									
<b>San Angelo</b>	21	1907CST			0	0			Hail(0.75)
<b>Coleman County</b>									
<b>15 N Coleman</b>	21	1908CST			0	0			Hail(1.00)

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--	---------------------------------------	--------------------

## TEXAS, Central

An advancing dryline aided by warm afternoon temperatures in the 90s was able to break the cap, and resulted in isolated thunderstorm development. It was mostly marginally severe hail, however a weak tornado developed near the Wall community.

## TEXAS, Central Southeast

### Burleson County

1 N Chriesman	05	2030CST			0	0	3K	Hail(0.75)
Hail was observed on Highway 36.								

### Brazos County

Bryan	05	2045CST			0	0	6K	Hail(0.75)
Hail at the intersection of Old Hearne Road and Texas Avenue.								

### Grimes County

Iola	05	2106CST			0	0	3K	Hail(0.88)
------	----	---------	--	--	---	---	----	------------

### Houston County

Grapeland	05	2116CST			0	0	3K	Hail(0.75)
-----------	----	---------	--	--	---	---	----	------------

### Houston County

Latexo	05	2120CST			0	0	15K	Thunderstorm Wind (G58)
Roof blown off a house and trees down.								

### Harris County

5 SSE Tomball	11	0815CST			0	0	5K	Hail(0.88)
Hail at Gleannloch Farms.								

## TEXAS, Extreme West

## TEXAS, Mid - South

### Victoria County

Bloomington	06	0040CST			0	0		Hail(1.00)
-------------	----	---------	--	--	---	---	--	------------

### Webb County

Laredo	24	2145CST			0	0		Hail(1.00)
Reported at Loop 20 and Clark.								

## TEXAS, North

### TXZ144

#### Bosque

01	1147CST			0	0	1K	High Wind (G50)
Strong gradient winds broke an electrical pole in half, causing power service interruptions to more than 5,000 customers in the area. The pole was located 2 miles east of Meridian.							

### Grayson County

3 SE Pottsboro	05	1525CST			0	0		Hail(0.75)
----------------	----	---------	--	--	---	---	--	------------

### Collin County

Plano	05	1550CST			0	0		Hail(1.00)
-------	----	---------	--	--	---	---	--	------------

### Collin County

Frisco	05	1600CST			0	0		Hail(0.88)
--------	----	---------	--	--	---	---	--	------------

### Dallas County

Dallas	05	1600CST			0	0		Hail(2.00)
Hail the size of hen eggs reported.								



# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b><u>TEXAS, North</u></b>									
Collin County Frisco	05	1612CST			0	0			Hail(0.75)
Collin County Frisco	05	1614CST			0	0			Hail(1.00)
Grayson County Sherman	05	1614CST			0	0			Hail(0.88)
Grayson County 2 NW Tom Bean	05	1630CST			0	0			Hail(0.88)
Report relayed by Norman Weather Forecast Office.									
Bosque County Lakeside Vlg	05	1635CST			0	0			Hail(0.75)
Hill County 3 E Whitney	05	1647CST			0	0			Hail(1.00)
Collin County 1 S Mc Kinney	05	1650CST			0	0			Thunderstorm Wind (G58)
Collin County Anna	05	1658CST			0	0			Hail(1.75)
Golf ball size hail reported.									
Dallas County Dallas	05	1700CST			0	0			Hail(1.50)
Dallas County Duncanville	05	1705CST			0	0			Hail(0.75)
Fannin County Leonard	05	1709CST			0	0			Hail(1.00)
Pea to quarter size hail reported.									
Hill County Hillsboro	05	1715CST			0	0			Hail(0.75)
NWS employee reported penny size hail and 50 MPH winds.									
Hill County Hubbard	05	1720CST			0	0			Hail(0.88)
Dallas County 5 NE Dallas	05	1722CST			0	0			Hail(1.00)
Dallas County 2 N Garland	05	1736CST			0	0			Hail(1.50)
Ping pong ball size hail covering ground.									
Navarro County 2 E Frost	05	1742CST 1750CST			0	0	25K		Thunderstorm Wind (G60)
Damage to numerous structures including barns and a church between Frost and Blooming Grove on Highway 22.									
Collin County 4 E Blue Ridge	05	1750CST			0	0			Hail(1.00)
Marble to quarter size hail reported.									
Hunt County Wolfe City	05	1750CST			0	0			Hail(1.00)
Navarro County Blooming Grove	05	1750CST			0	0			Hail(0.75)
Navarro County Countywide	05	1750CST 1800CST			0	0	15K		Thunderstorm Wind (G60)
Wind damage across portions of western and central Navarro county. Barns heavily damaged or destroyed along State Highway 22 west of Corsicana.									

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Persons Injured	Estimated Damage Property	Crops	Character of Storm
<b><u>TEXAS, North</u></b>									
<b>Navarro County</b>									
Frost	05	1750CST			0	0			Hail(0.75)
<b>Hill County</b>									
5 SE Hillsboro	05	1752CST			0	0	1K		Thunderstorm Wind (G50)
Power poles knocked down between Hillsboro and Abbott.									
<b>Fannin County</b>									
Leonard	05	1800CST 2100CST			0	0	25K		Flash Flood
Flash flooding prompted residents to create make-shift culverts and dams to keep the water from entering their homes. Many homes were damaged by the high water, which was several feet high in some places.									
<b>Hill County</b>									
2 W Blum	05	1800CST			0	0			Hail(0.75)
Dime size hail reported in Retreat.									
<b>Hunt County</b>									
Wolfe City	05	1800CST			0	0			Hail(1.00)
<b>Navarro County</b>									
Barry	05	1802CST			0	0			Hail(1.75)
Golf ball size hail reported.									
<b>Navarro County</b>									
Barry	05	1802CST			0	0			Thunderstorm Wind (G50)
<b>Lamar County</b>									
15 SW Paris	05	1810CST			0	0			Hail(1.75)
Golf ball size hail reported in Petty.									
<b>Navarro County</b>									
Corsicana	05	1810CST			0	0			Hail(0.75)
<b>Fannin County</b>									
Ladonia	05	1815CST			0	0			Hail(0.88)
<b>Bell County</b>									
Killeen	05	1819CST			0	0			Hail(0.88)
<b>Bell County</b>									
Killeen	05	1829CST			0	0			Hail(0.88)
<b>Bell County</b>									
6 SE Killeen	05	1830CST			0	0			Hail(0.88)
Nickel size hail reported in Harker Heights.									
<b>Navarro County</b>									
Countywide	05	1830CST			0	0	10K		Thunderstorm Wind (G60)
Numerous reports of damage in central part of county.									
<b>Navarro County</b>									
Kerens	05	1833CST			0	0			Hail(1.00)
Quarter size hail covering the ground.									
<b>TXZ094</b>									
Fannin	05	1833CST 2100CST			0	0			Flood
Five to six inches of water covering an entire roadway.									
<b>Lamar County</b>									
Paris	05	1835CST			0	0			Thunderstorm Wind (G59)
Paris AWOS reported a 68 mph wind gust.									
<b>Bell County</b>									
Salado	05	1853CST			0	0			Hail(0.88)
<b>Henderson County</b>									
Malakoff	05	1855CST			0	0			Hail(1.00)

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b><u>TEXAS, North</u></b>									
<b>Hopkins County</b> <b>Sulphur Spgs</b>	<b>05</b>	<b>1855CST</b>			<b>0</b>	<b>0</b>			<b>Hail(1.75)</b> Pea to golf ball size hail reported along Highway 19 and Highway 67.
<b>Hopkins County</b> <b>Sulphur Spgs</b>	<b>05</b>	<b>1855CST</b>			<b>0</b>	<b>0</b>	<b>1K</b>		<b>Thunderstorm Wind (G60)</b> Tree blown onto house.
<b>Hopkins County</b> <b>Sulphur Spgs</b>	<b>05</b>	<b>1900CST</b>			<b>0</b>	<b>0</b>	<b>2K</b>		<b>Thunderstorm Wind (G60)</b> Strong winds split a large oak tree at the Sulphur Springs courthouse at the intersection of Oak Avenue and Jefferson Street. An awning was also torn off a building on Main Street.
<b>Navarro County</b> <b>Countywide</b>	<b>05</b>	<b>1900CST</b>			<b>0</b>	<b>0</b>	<b>10K</b>		<b>Thunderstorm Wind (G60)</b> Wind damage along FM 709 south of Corsicana stretching east along Highway 31, and points south around US 287 near Mildred.
<b>Anderson County</b> <b>5 S Frankston</b>	<b>05</b>	<b>1910CST</b>			<b>0</b>	<b>0</b>			<b>Thunderstorm Wind (G50)</b> Tree fell onto Highway 19.
<b>Anderson County</b> <b>5 N Brushy Creek</b>	<b>05</b>	<b>1913CST</b>			<b>0</b>	<b>0</b>			<b>Hail(1.75)</b> Golf ball size hail reported.
<b>Bell County</b> <b>Rogers</b>	<b>05</b>	<b>1914CST</b>			<b>0</b>	<b>0</b>			<b>Hail(0.88)</b>
<b>Henderson County</b> <b>Athens</b>	<b>05</b>	<b>1915CST</b>			<b>0</b>	<b>0</b>			<b>Hail(1.75)</b> Golf ball size hail reported.
<b>Henderson County</b> <b>18 E Athens</b>	<b>05</b>	<b>1920CST</b>			<b>0</b>	<b>0</b>			<b>Hail(2.50)</b> Hail the size of tennis balls reported from a Tyler, TX television station; report relayed through NWS Shreveport.
<b>Henderson County</b> <b>Poynor</b>	<b>05</b>	<b>1927CST</b>			<b>0</b>	<b>0</b>			<b>Hail(2.75)</b> Baseball size hail reported.
<b>Bell County</b> <b>5 S Holland</b>	<b>05</b>	<b>1928CST</b>			<b>0</b>	<b>0</b>			<b>Hail(0.88)</b>
<b>Milam County</b> <b>Cameron</b>	<b>05</b>	<b>1944CST</b>			<b>0</b>	<b>0</b>			<b>Hail(1.75)</b> Golf ball size hail reported.
<b>Milam County</b> <b>Cameron</b>	<b>05</b>	<b>1955CST</b>			<b>0</b>	<b>0</b>			<b>Hail(0.75)</b>
<b>Limestone County</b> <b>5 SE Groesbeck</b>	<b>05</b>	<b>1956CST</b>			<b>0</b>	<b>0</b>			<b>Hail(0.88)</b>
<b>Hopkins County</b> <b>Sulphur Spgs</b>	<b>10</b>	<b>0115CST</b>			<b>0</b>	<b>0</b>	<b>40K</b>		<b>Thunderstorm Wind (G50)</b> Numerous trees uprooted, trees blown down on utility poles, and a number of fences were destroyed throughout Sulphur Springs. Most of the damage was reported along College, Jefferson, and Weaver Streets, but additional damage was located at the intersections of Clayton Road and Dena Drive, Fuller and Stacy Street, and Church and Middle Street.
<b>Hood County</b> <b>1 S Tolar</b>	<b>10</b>	<b>1658CST</b>			<b>0</b>	<b>0</b>			<b>Hail(1.00)</b>
<b>Hood County</b> <b>Granbury</b>	<b>10</b>	<b>1700CST</b>			<b>0</b>	<b>0</b>	<b>3K</b>		<b>Lightning</b> Lightning struck a tree, causing part of the tree to fall on a residential roof.

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Persons Injured	Estimated Damage Property	Crops	Character of Storm
<b><u>TEXAS, North</u></b>									
<b>Wise County</b>									
10 NE Decatur	10	1708CST			0	0			Hail(0.75)
			Penny size hail reported near Slidell.						
<b>Denton County</b>									
10 W Sanger	10	1719CST			0	0			Hail(0.75)
			Penny size hail reported 2.5 miles east of Slidell.						
<b>Denton County</b>									
1 W Krum	10	1730CST 1930CST			0	0			Flash Flood
			Slow moving thunderstorms caused flash flooding over northwest Denton county. 2-3 feet of water was reported over county roads.						
<b>Wise County</b>									
1 W Slidell	10	1730CST 1930CST			0	0			Flash Flood
			Slow moving thunderstorms caused flash flooding over northeast Wise county. 2-3 feet of water was reported over county roads.						
<b>Denton County</b>									
4 W Sanger	10	1748CST			0	0			Hail(1.00)
<b>Denton County</b>									
4 W Sanger	10	1748CST			0	0			Thunderstorm Wind (G68)
			Spotter measured 78 mph wind gust in Bolivar.						
<b>Denton County</b>									
Sanger	10	1750CST			0	0	5K		Thunderstorm Wind (G60)
			Roof damage to a commercial building and six-inch diameter tree limbs broken off.						
<b>Denton County</b>									
Sanger	10	1800CST			0	0	20K		Thunderstorm Wind (G73)
			Several trees and signs were blown down, as well as numerous windows blown out. Several instances of roof damage was also reported.						
<b>Grayson County</b>									
6 NE Whitesboro	10	1810CST			0	0			Hail(0.75)
			TV meteorologist reported penny size hail in Gordonville.						
<b>Cooke County</b>									
2 SE Valley View	10	1813CST			0	0			Hail(0.75)
<b>Hamilton County</b>									
Hamilton	10	1918CST			0	0			Hail(1.75)
			Golf ball size hail reported in the city of Hamilton.						
<b>Hamilton County</b>									
Hamilton	10	1920CST			0	0	10K		Hail(2.75)
			Baseball size hail reported in the city of Hamilton. Roofs and vehicles were damaged.						
<b>Hamilton County</b>									
Hamilton Muni Arpt	10	1921CST			0	0			Hail(1.75)
			Golf ball hail size covering the ground at Hamilton Municipal Airport.						
<b>Delta County</b>									
Pecan Gap	11	0054CST			0	0			Hail(0.75)
<b>Delta County</b>									
Pecan Gap	11	0054CST			0	0			Thunderstorm Wind (G52)
			60 mph wind reported.						
<b>Hopkins County</b>									
Sulphur Spgs	11	0054CST			0	0			Hail(0.75)
<b>Hopkins County</b>									
Sulphur Spgs	11	0054CST			0	0			Thunderstorm Wind (G52)
			60 mph wind reported.						
<b>Hopkins County</b>									
Sulphur Spgs	11	0115CST			0	0			Thunderstorm Wind (G50)

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b><u>TEXAS, North</u></b>									
			Several trees blown down.						
<b>Palo Pinto County</b>									
<b>Palo Pinto</b>	21	1750CST			0	0			Hail(1.00)
<b>Parker County</b>									
<b>Weatherford</b>	25	1421CST			0	0			Hail(1.00)
<b>Hood County</b>									
<b>5 N Granbury</b>	25	1430CST			0	0			Hail(0.88)
<b>Tarrant County</b>									
<b>1 N Benbrook</b>	25	1437CST			0	0			Hail(0.88)
<b>Johnson County</b>									
<b>Godley</b>	25	1457CST			0	0			Hail(1.00)
		Quarter size hail covering the ground.							
<b>Tarrant County</b>									
<b>2 S Ft Worth</b>	25	1500CST			0	0			Hail(1.75)
		Golf ball size hail fell on Oak Grove Road.							
<b>Johnson County</b>									
<b>5 NE Joshua</b>	25	1508CST			0	0			Hail(0.75)
		Penny size hail reported between Joshua and Burleson.							
<b>Tarrant County</b>									
<b>Ft Worth</b>	25	1514CST	0.1	15	0	0			Tornado (F0)
		Tornado spotted near Miller Brewery in south Fort Worth. No damage reported.							
<b>Tarrant County</b>									
<b>Mansfield</b>	25	1515CST			0	0	10K		Thunderstorm Wind (G50)
		Multiple power lines were knocked down by falling tree limbs; also a neighborhood fence was destroyed by strong winds. City crews and tree service companies were dispatched to cut up and shred tree limbs.							
<b>Johnson County</b>									
<b>5 NE Cleburne</b>	25	1516CST			0	0			Hail(1.00)
<b>Johnson County</b>									
<b>Keene</b>	25	1520CST			0	0	25K		Hail(2.75)
		Golf ball to baseball size hail fell in town, causing damage to numerous privately-owned and city-owned vehicles, as well as mobile homes.							
<b>Johnson County</b>									
<b>1 W Alvarado</b>	25	1525CST	0.1	15	0	0			Tornado (F0)
		Tornado touched down briefly. No damage reported.							
<b>Johnson County</b>									
<b>Alvarado</b>	25	1530CST			0	0	25K		Hail(1.00)
		Quarter size hail damaged area roofs and vehicles. Several homeowners reported losses.							
<b>Tarrant County</b>									
<b>Mansfield</b>	25	1530CST	0.1	15	0	0	1K		Tornado (F0)
		Damage to tree limbs and antennas reported.							
<b>Dallas County</b>									
<b>2 S Cedar Hill</b>	25	1535CST	0.1	15	0	0			Tornado (F0)
		Tornado touched down briefly. No damage reported.							
<b>Johnson County</b>									
<b>Venus</b>	25	1540CST			0	0	5K		Hail(1.75)
		Hail to the size of golf balls damaged roofs and siding on houses. Trees and vegetation were also damaged.							
<b>Johnson County</b>									
<b>Alvarado</b>	25	1545CST			0	0			Hail(1.00)
		Three inch deep hail covering the ground, ranging from pea to quarter size.							
<b>Ellis County</b>									
<b>Maypearl</b>	25	1556CST	0.1	15	0	0	5K		Tornado (F0)

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b><u>TEXAS, North</u></b>									
			Damage to outbuildings reported.						
Ellis County Ferris	25	1621CST			0	0			Hail(1.00)
Ellis County 5 S Waxahachie	25	1630CST			0	0			Hail(1.75)
Ellis County Ennis	25	1635CST			0	0			Hail(1.00)
Grayson County Tom Bean	25	1637CST			0	0			Hail(0.75)
Ellis County 4 S Bardwell	25	1645CST			0	0			Hail(0.88)
			Nickel size hail in Rankin.						
Fannin County 11 SW Bonham	25	1645CST			0	0			Hail(0.88)
Grayson County 4 SW Bells	25	1650CST			0	0			Hail(1.00)
			Quarter size hail covering the ground.						
Navarro County Rice	25	1650CST			0	0			Hail(1.75)
			Hail the size of golf balls reported.						
Fannin County 5 S Bonham	25	1702CST			0	0			Hail(0.88)
Navarro County Kerens	25	1734CST			0	0			Hail(1.00)
			Hail ranging in size from marbles to quarters reported.						
Grayson County 4 N Whitesboro	25	1927CST			0	0			Hail(1.00)
			Quarter size hail reported in Dixie.						
Grayson County Sherman	25	2013CST			0	0			Hail(1.00)
Grayson County 1 SW Sherman	25	2016CST			0	0			Hail(1.50)
			Half dollar size hail reported.						
Grayson County Bells	25	2034CST			0	0			Hail(1.00)
Fannin County Trenton	25	2058CST			0	0			Hail(1.75)
			Golf ball size hail reported.						
Fannin County 4 S Bonham	25	2059CST			0	0			Hail(1.50)
Fannin County Randolph	25	2100CST			0	0	2K		Hail(1.75)
			Golf ball size hail fell, damaging several cars and knocking out at least one windshield. Roofs were also damaged.						
Fannin County Bailey	25	2110CST			0	0			Hail(1.75)
			Golf ball size hail reported.						
Fannin County Bailey	25	2125CST			0	0	10K		Thunderstorm Wind (G70)
			Four houses had roof and window damage; one 200 x 300 foot barn unroofed.						

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b><u>TEXAS, North</u></b>									
Hunt County Wolfe City	25	2130CST			0	0			Hail(1.00)
Fannin County 5 NE Bailey	25	2141CST			0	0			Hail(2.00)
		Hail to the size of hen eggs reported in Gober.							
Delta County 9 W Cooper	25	2215CST			0	0			Hail(1.75)
		Golf ball size hail reported in Yowell.							
Delta County Cooper	25	2233CST			0	0			Hail(0.88)
		Relayed by amateur radio operator.							
Hopkins County 10 NE Sulphur Spgs	25	2254CST			0	0			Hail(1.00)
		Quarter size hail reported in Birthright.							
Hunt County Wolfe City	25	2300CST			0	0			Hail(1.00)
Hopkins County Sulphur Spgs	25	2315CST			0	0			Hail(1.00)
Hopkins County Sulphur Spgs	25	2315CST			0	0	5K		Thunderstorm Wind (G60)
		Large tree blown over, knocking down electric and utility poles.							
Hopkins County Sulphur Spgs Muni Ar	25	2345CST			0	0			Hail(1.75)
		Golf ball size hail reported at the airport.							
Hopkins County Sulphur Spgs	25	2347CST			0	0			Hail(2.75)
		Baseball size hail fell in Sulphur Springs.							
Hopkins County Sulphur Spgs	25	2358CST			0	0			Hail(0.75)
Hopkins County Sulphur Spgs	26	0003CST			0	0			Hail(1.00)
<b><u>TEXAS, North Panhandle</u></b>									
TXZ001-004-006>007-007	Dallam - Ochiltree - Hartley - Moore								
	05	1247CST			0	0			High Wind (G54)
	06	2125CST							
TXZ012	Potter								
	06	2053CST			0	0	15K		Strong Wind
		The tin roof was blown off an automotive shop and a fence was ripped apart in the 1400 block of Southeast Third Avenue in Amarillo.							
		Surface low pressure along the lee of the Rockies deepened during the afternoon and evening hours resulting in sustained wind speeds of forty miles per hour or higher at the Dalhart...Dumas...and Perryton ASOS sites for several hours and a sustained wind speed of forty-one miles per hour at the Amarillo ASOS site for less than one hour. Wind gusts at Perryton and Dumas reached or exceeded 58 miles per hour during the high wind event. Wind damage was reported in Amarillo during the late evening hours but no injuries occurred.							
Donley County 2 W Clarendon	10	0110CST			0	0			Hail(0.88)
Gray County 3 S Mc Lean	10	0200CST			0	0			Hail(0.88)
Gray County 12 N Mc Lean	10	0202CST			0	0			Hail(0.88)

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b><u>TEXAS, North Panhandle</u></b>									
Severe thunderstorms developed during the early morning hours across the southeastern Texas panhandle producing hail.									
<b>Randall County</b>									
3 SW Amarillo	17	1849CST			0	0			Hail(0.75)
<b>Potter County</b>									
Amarillo	17	1850CST			0	0			Hail(0.88)
<b>Potter County</b>									
3 E Amarillo	17	1850CST			0	0			Hail(0.88)
Reported at Interstate 40 and Grand Street.									
<b>Potter County</b>									
Amarillo	17	1853CST			0	0			Hail(1.50)
<b>Randall County</b>									
5 SW Amarillo	17	1855CST			0	0			Hail(1.00)
Reported at the Greyhawk Landing subdivision.									
<b>Potter County</b>									
Amarillo	17	1904CST			0	0			Hail(0.88)
Reported at the Interstate 40 and Interstate 25 interchange in downtown Amarillo.									
<b>Potter County</b>									
Amarillo	17	1905CST			0	0			Hail(1.00)
Reported on Grand Street.									
<b>Potter County</b>									
Amarillo	17	1905CST			0	0			Hail(1.00)
Reported in downtown Amarillo.									
<b>Potter County</b>									
5 N Amarillo	17	1907CST			0	0			Hail(0.88)
Reported on the north end of Loop 335 and U.S. Highway 87.									
<b>Randall County</b>									
8 SW Amarillo	17	1908CST			0	0			Thunderstorm Wind (G52)
<b>Carson County</b>									
Panhandle	17	1938CST			0	0			Hail(0.88)
<b>Hutchinson County</b>									
4 SE Borger	17	1940CST			0	0			Hail(0.88)
<b>Randall County</b>									
8 S Canyon	17	2024CST			0	0			Thunderstorm Wind (G52)
<b>Ochiltree County</b>									
1.5 S Perryton	17	2045CST			0	0			Hail(0.88)
Severe thunderstorms with large hail and high winds moved across the south-central Texas panhandle during the evening hours. No damage or injuries were reported from the large hail and high winds.									
<b>Deaf Smith County</b>									
19 N Hereford	18	1539CST			0	0			Hail(0.88)
<b>Oldham County</b>									
3 N Vega	18	1610CST			0	0			Hail(1.00)
<b>Potter County</b>									
23 NW Amarillo	18	1640CST			0	0			Hail(1.75)
At Valley de Oro.									
<b>Donley County</b>									
6 S Clarendon	18	1753CST 1803CST			0	0			Hail(0.88)
<b>Donley County</b>									
10 SSW Clarendon	18	1805CST 1820CST			0	0			Hail(1.75)



# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b><u>TEXAS, North Panhandle</u></b>									
<b>Donley County</b>									
8 S Clarendon	18	1811CST			0	0			<b>Thunderstorm Wind (G52)</b>
									Large tree snapped along State Highway 70 south of Clarendon.
<b>Donley County</b>									
9 S Clarendon	18	1825CST	0.1	25	0	0			<b>Tornado (F0)</b>
									Damage mainly to large trees just north of the intersection of State Highway 70 and County Road 10. The tornado remained over open country. An official storm survey was done on this tornado.
<b>Donley County</b>									
Howardwick	18	2232CST			0	0			<b>Hail(0.88)</b>
									Severe thunderstorms moved across the southern Texas panhandle during the afternoon and evening hours producing large hail...damaging winds...and an isolated tornado. Although there were damage to trees from the high wind and tornado...no property damage occurred from the severe weather and there were no reports of injuries.
<b>Gray County</b>									
Lefors	20	1646CST 1647CST			0	0			<b>Hail(1.75)</b>
<b>Lipscomb County</b>									
Booker	20	1649CST			0	0			<b>Hail(1.00)</b>
<b>Gray County</b>									
Lefors	20	1652CST			0	0			<b>Hail(1.00)</b>
<b>Gray County</b>									
Lefors	20	1652CST			0	0			<b>Hail(1.25)</b>
<b>Gray County</b>									
4 NW Lefors	20	1710CST			0	0			<b>Hail(0.88)</b>
<b>Roberts County</b>									
Miami	20	1714CST			0	0			<b>Hail(2.75)</b>
<b>Gray County</b>									
10 ENE Pampa	20	1715CST			0	0			<b>Hail(1.00)</b>
<b>Roberts County</b>									
Miami	20	1727CST			0	0			<b>Hail(2.75)</b>
<b>Wheeler County</b>									
10 NE Shamrock	20	1730CST			0	0			<b>Hail(0.75)</b>
<b>Roberts County</b>									
10 NW Miami	20	1732CST			0	0			<b>Hail(2.00)</b>
<b>Hemphill County</b>									
2 S Canadian	20	1740CST			0	0			<b>Hail(1.75)</b>
<b>Lipscomb County</b>									
9 ESE Booker	20	1820CST			0	0			<b>Hail(1.00)</b>
<b>Lipscomb County</b>									
5 SW Lipscomb	20	1825CST			0	0			<b>Hail(1.75)</b>
									Near Locust Grove
<b>Lipscomb County</b>									
Follett	20	1828CST			0	0			<b>Hail(1.75)</b>
<b>Lipscomb County</b>									
Follett	20	1830CST 1835CST			0	0			<b>Hail(1.75)</b>

Severe thunderstorms with very large hail moved across the eastern Texas panhandle during the early evening hours. There have been no reports of damage or injuries from the large hail.

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b><u>TEXAS, Northeast</u></b>									
<b>Sabine County</b>									
2 N Pineland	01	0010CST			0	0			Thunderstorm Wind (G55)
			Trees were downed.						
<b>Red River County</b>									
8 NW Clarksville	05	1910CST			0	0			Hail(0.75)
<b>Cherokee County</b>									
12 NW Jacksonville	05	1945CST			0	0			Hail(3.00)
			Tea cup sized hail fell at Cherokee Landing on the east side of Lake Palestine on the southern end of the lake near the dam.						
<b>Smith County</b>									
5 NW Bullard	05	1950CST			0	0			Hail(2.75)
			Hail fell in the community of Teaselville.						
<b>Smith County</b>									
5 W Troup	05	1950CST			0	0			Hail(1.75)
<b>Smith County</b>									
5 S Tyler	05	1955CST			0	0			Hail(0.88)
			Hail fell in Flint.						
<b>Cherokee County</b>									
Bullard	05	1955CST			0	0			Hail(1.00)
<b>Cherokee County</b>									
5 S Bullard	05	1955CST			0	0			Hail(0.88)
			Hail fell at Mt. Selman.						
<b>Cherokee County</b>									
Gallatin	05	2005CST			0	0			Thunderstorm Wind (G56)
			Several trees were blown down.						
<b>Smith County</b>									
1 N Troup	05	2025CST			0	0			Hail(2.00)
<b>Smith County</b>									
2 SE Whitehouse	05	2025CST			0	0			Hail(0.88)
<b>Rusk County</b>									
8 W Henderson	05	2035CST			0	0			Hail(1.00)
			Hail fell at Turnertown.						
<b>Rusk County</b>									
5 W Henderson	05	2035CST			0	0			Hail(1.75)
			Hail fell at Joinerville.						
<b>Rusk County</b>									
Henderson	05	2040CST			0	0			Hail(1.25)
<b>Rusk County</b>									
10 SE Henderson	05	2045CST			0	0			Hail(0.75)
			Hail fell about 10 miles east of Laneville.						
<b>Rusk County</b>									
2 NE Henderson	05	2055CST			0	0			Hail(1.75)
<b>Rusk County</b>									
Tatum	05	2100CST			0	0			Hail(2.50)
			Hail fell on the Rusk County side of Tatum Tx.						
<b>Panola County</b>									
Gary	05	2120CST			0	0			Hail(1.75)
<b>Panola County</b>									
5 W Carthage to Carthage	05	2125CST 2130CST			0	0			Hail(1.75)
			Hail also fell in the Snap and Clayton communities along Hwy 315.						

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b><u>TEXAS, Northeast</u></b>									
<b>Shelby County</b>									
<b>Timpson</b>	05	2140CST			0	0			Hail(1.00)
			Hail covered the ground.						
<b>Nacogdoches County</b>									
<b>Nacogdoches</b>	05	2235CST			0	0			Hail(1.75)
<b>Angelina County</b>									
<b>Lufkin</b>	11	0330CST			0	0			Hail(0.88)
			Hail fell at Hwy 69 north...two miles north of Loop 287.						
<b>Angelina County</b>									
<b>7 N Lufkin</b>	11	0340CST			0	0			Hail(0.88)
			Hail fell at the intersection of US Hwy 59 and FM 843.						
<b>Harrison County</b>									
<b>4 W Marshall</b>	11	0635CST 1015CST			0	0			Flash Flood
			Hwy. 80 was barricaded due to high water from excessive rainfall.						
<b>Angelina County</b>									
<b>5 N Lufkin to     Lufkin</b>	11	0715CST 0725CST			0	0	40K		Thunderstorm Wind (G58)
			A downburst resulted in two trees falling on a home along Hwy 69. The downburst also resulted in minor roof damage to other homes along with two business signs blown over and a dumpster overturned near Hwy 69 north and north of loop 287.						
<b>Bowie County</b>									
<b>Nash</b>	25	2330CST			0	0			Hail(0.88)
<b>Bowie County</b>									
<b>Wake Vlg</b>	25	2335CST			0	0			Hail(0.88)
<b>Franklin County</b>									
<b>5 S Mt Vernon</b>	26	0025CST			0	0			Hail(0.88)
			Hail fell in the community of Purley.						
<b>Camp County</b>									
<b>7 W Pittsburg</b>	26	0040CST			0	0			Hail(1.00)
			Hail fell in the community of Leesburg.						
<b>Titus County</b>									
<b>Mt Pleasant</b>	26	0240CST			0	0			Hail(1.00)

## **TEXAS, South**

### **TEXAS, South Central**

<b>Burnet County</b>									
<b>3 NW Briggs to     12 NE Bertram</b>	05	1834CST 1850CST			0	0			Hail(1.75)
<b>Williamson County</b>									
<b>Georgetown</b>	05	1915CST 1925CST			0	0			Hail(0.75)
<b>Williamson County</b>									
<b>1 SW Jarrell</b>	05	1915CST 1925CST			0	0			Hail(2.75)
<b>Travis County</b>									
<b>1 E Austin</b>	05	1932CST 1945CST			0	0			Hail(1.00)

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b><u>TEXAS, South Central</u></b>									
Travis County 8 N Austin	05	1935CST 1955CST			0	0			Hail(0.75)
Travis County 6 SW Austin	05	1945CST 1955CST			0	0			Hail(1.00)
Travis County 8 SE Austin	05	1955CST 2010CST			0	0			Hail(1.00)
Bastrop County 4 SE Cedar Creek to 4.5 SE Cedar Creek	05	2020CST 2030CST			0	0			Thunderstorm Wind (G70)
Severe thunderstorm winds blew down several oak trees along FM535 near Cedar Creek.									
Comal County 4 NW New Braunfels	05	2030CST 2040CST			0	0			Hail(0.88)
Bexar County Universal City to 2 NW Universal City	05	2038CST 2050CST			0	0			Hail(1.00)
Bexar County 7 NE San Antonio	05	2042CST 2055CST			0	0			Hail(0.75)
Wilson County La Vernia	05	2149CST 2200CST			0	0			Hail(1.00)
Llano County Kingsland	10	1912CST 1920CST			0	0			Hail(1.75)
Burnet County 1 N Burnet	10	1930CST 1940CST			0	0			Hail(0.75)
Llano County Buchanan Dam	10	1955CST 2005CST			0	0			Hail(0.75)
Kerr County 3 SE Kerrville	10	2040CST 2045CST			0	0			Hail(1.25)
Bandera County Medina	10	2100CST 2110CST			0	0			Hail(1.00)
Kerr County Kerrville	10	2110CST 2120CST			0	0			Hail(1.00)
Bandera County 10 W Tarpley	10	2135CST 2140CST			0	0			Hail(1.75)
Kendall County 1 E Comfort	10	2145CST 2150CST			0	0			Hail(1.75)
Bandera County 10 SW Bandera	10	2200CST 2205CST			0	0			Hail(1.00)
Kendall County 6 N Boerne	10	2240CST 2250CST			0	0			Hail(1.75)

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b><u>TEXAS, South Central</u></b>									
<b>Travis County</b>									
8 NW Austin	10	2325CST 2335CST			0	0			Hail(0.75)
<b>Bexar County</b>									
2 W San Antonio	11	0010CST 0020CST			0	0			Hail(1.50)
<b>Bexar County</b>									
14 NW San Antonio	11	0027CST 0035CST			0	0			Hail(1.00)
<b>Travis County</b>									
10 NE Austin	11	0030CST 0035CST			0	0			Hail(1.00)
<b>Williamson County</b>									
Hutto	11	0057CST 0105CST			0	0			Hail(0.75)
<b><u>TEXAS, South Panhandle</u></b>									
<b>TXZ022</b>									
Castro	05	1650CST			0	0			High Wind (G52)
<b>TXZ042</b>									
Garza	05	1800CST			0	0			High Wind (G51)
<b>TXZ041</b>									
Lynn	05	1825CST			0	0			High Wind (G51)
<b>TXZ039</b>									
Yoakum	05	1830CST			0	0			High Wind (G51)
<b>TXZ023</b>									
Swisher	05 06	2245CST 0000CST			0	0			High Wind (G52)
Strong winds prevailed at this site between 10:45 pm through 12:00 am CST. The initial wind gust of 50 knots was measured at 10:45 pm CST with a peak of 52 knots at 10:55 pm CST; ending with a gust of 51 knots at 12:00 am CST.									
<b>TXZ036</b>									
Crosby	05 06	2350CST 0130CST			0	0			High Wind (G54)
Strong winds prevailed at this location between 11:55 pm through 01:30 am CST. Wind gusts measured at 51 knots beginning at 11:55 pm CST; peaked at 54 knots at 1:15 am CST; and decreased to 50 knots at 01:30 am CST.									
<b>TXZ021</b>									
Parmer	06	1100CST			0	0			High Wind (G50)
<b>TXZ029</b>									
Hale	06	1140CST			0	0			High Wind (G52)
A powerful upper-level storm system moved across the Texas Panhandle early Tuesday April 5, 2005 and continued through Oklahoma Tuesday night and Wednesday April 6, 2005. All of the extreme southern Texas Panhandle...South Plains and Low Rolling Plains experienced strong winds for nearly 36 continuous hours. The wind reports were measured by the Texas Tech/West Texas Mesonet sites in Dimmitt, Graham, Tahoka, Plains, Tulia, White River Lake, Friona and Abernathy.									
<b>Bailey County</b>									
Muleshoe	17	1804CST			0	0			Hail(1.50)
<b>Parmer County</b>									
8 W Lazbuddie	17	1850CST			0	0			Hail(1.00)
<b>Parmer County</b>									
5 W Lazbuddie	17	1855CST			0	0			Hail(1.25)
Hail reported at the intersection of Highways 145 and 214.									
<b>Castro County</b>									
3 N Hart	18	1520CST			0	0			Thunderstorm Wind (G54)

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## TEXAS, South Panhandle

Measured by the Texas Tech/West Texas Mesonet site in Hart.

<b>Parmer County</b> <b>Lazbuddie</b>	18	1525CST			0	0			Hail(0.88)
<b>Castro County</b> <b>Nazareth</b>	18	1615CST			0	0			Hail(1.00)
<b>Hall County</b> <b>7 W Lakeview</b>	18	1619CST			0	0			Hail(0.88)
<b>Swisher County</b> <b>2 NE Tulia</b>	18	1625CST			0	0			Thunderstorm Wind (G51)
Measured by the Texas Tech/West Texas Mesonet site in Tulia.									
<b>Castro County</b> <b>Hart</b>	18	1700CST			0	0			Hail(0.88)
<b>Motley County</b> <b>4 W Matador</b>	18	1914CST			0	0			Hail(0.88)
<b>Motley County</b> <b>6 W Matador</b>	18	1916CST			0	0			Hail(1.75)
<b>Floyd County</b> <b>Dougherty</b>	18	1920CST			0	0			Hail(0.88)
Hail covering the ground mostly the size of peas with a few nickel sized hail stones at the Dougherty Cotton Gin.									
<b>Floyd County</b> <b>14 ENE Floydada</b>	18	1952CST			0	0			Hail(1.00)
<b>Cottle County</b> <b>10 SW Paducah</b>	18	2010CST			0	0			Thunderstorm Wind (G53)
Measured by the Texas Tech/West Texas Mesonet site in Paducah.									
<b>Floyd County</b> <b>14 ENE Floydada</b>	18	2027CST			0	0			Hail(1.25)
<b>Motley County</b> <b>3 N Matador</b>	18	2055CST			0	0			Hail(1.00)
Quarter sized hail accumulated up to two inches in depth along the roadway.									
<b>Briscoe County</b> <b>Silverton</b>	20	1530CST			0	0			Hail(0.75)
<b>Briscoe County</b> <b>13 NNE Quitaque</b>	20	1700CST			0	0			Hail(2.00)
<b>Hall County</b> <b>8 N Turkey</b>	20	1710CST			0	0			Hail(2.50)
The majority of the hail was golfball sized with a few stones to tennis and baseball sized on Highway 70.									
<b>Hall County</b> <b>Tampico</b>	20	1740CST			0	0			Hail(0.88)
<b>Hall County</b> <b>Tampico</b>	20	1748CST			0	0			Hail(1.75)
<b>Hall County</b> <b>Tampico</b>	20	1756CST			0	0			Hail(1.75)
<b>Hall County</b> <b>1 E Tampico</b>	20	1803CST			0	0			Thunderstorm Wind (G77)
Storm chaser used a hand-held anemometer and measured a gust to 88 mph just east of Tampico.									

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## TEXAS, Southeast

### Hardin County

**Lumberton**      **11**      **1040CST**                **0**      **0**      **5K**           **Thunderstorm Wind (G50)**  
 Numerous trees and power lines were blown down in Lumberton.

## TEXAS, West

### TXZ074

#### Davis / Apache Mountains Area

**01**      **0000CST**                **0**      **0**      **0**      **0**      **High Wind (G65)**  
**0830CST**

A strong cold front swept south across west Texas during the evening of March 31st. As this front encountered the higher terrain in southwestern Texas, severe winds were recorded in the Davis Mountains, beginning during the late evening of the 31st and persisting into the early hours of April 1st. Peak winds at the McDonald Observatory reached 77 MPH atop Mount Locke just before midnight CST. Gusts in excess of 70 MPH persisted for more than four hours, well into the early hours of the 1st.

### TXZ074

#### Davis / Apache Mountains Area

**05**      **0500CST**                **0**      **0**      **10K**      **0**      **High Wind (G68)**  
**1600CST**

A strong upper level storm system propagated east over the southern Rockies on the 5th and resulted in severe mountain winds over southwestern Texas. Measured wind gusts peaked at 78 MPH in the Davis Mountains. The winds downed utility lines across the region and several rural residents, including the McDonald Observatory, reported power and telephone outages.

### TXZ048

#### Scurry

**06**      **1430CST**                **0**      **0**      **30K**      **0**      **Strong Wind**  
**1630CST**

Gradient winds in the wake of a cold front destroyed a metal building at the Snyder Airport. Peak wind gusts to 50 MPH were measured during the afternoon hours at the airport by automated weather instruments. These winds followed several consecutive days of strong winds across the area that could have contributed to weakening the structure.

### Culberson County

**44 ENE Pine Spgs**      **17**      **2039CST**                **0**      **0**      **0**      **0**      **Hail(1.50)**

Ping pong ball size hail fell over extreme northeastern Culberson County just west of U.S. Highway 285 during the late evening of the 17th. A National Weather Service volunteer Skywarn spotter surveyed the area the following day, and found evidence of large hail in the scarred landscape where one and a half inch craters littered the open range land.

### Reeves County

**16 SE Orla**      **17**      **2126CST**                **0**      **0**      **0**      **0**      **Hail(1.25)**  
**2130CST**

Quarter to half dollar size hail accumulated to a depth of three inches along U.S. Highway 285 northwest of that highway's intersection with Texas Highway 302. The hail was discovered more than an hour after the storm passed this location, so the actual size of the falling hail was likely larger than indicated. Event time is based on radar.

### Reeves County

**7 NW Pecos**      **17**      **2228CST**                **0**      **0**      **0**      **0**      **Hail(1.00)**

Quarter size hail was reported along Farm to Market Road 2119 northwest of Pecos.

An isolated supercell thunderstorm propagated southeast out of the plains of southeastern New Mexico during the late evening of the 17th. This storm produced large hail across portions of the Upper Trans Pecos region of west Texas.

## TEXAS, Western North

### Hardeman County

**10 W Quanah**      **20**      **1901CST**                **0**      **0**                **Thunderstorm Wind (G52)**

## UTAH, East

**UTZ022>025-027>029**      **Southeast Utah - Eastern Uinta Mountains - Eastern Uinta Basin - Tavaputs Plateau - Grand Flat And Arches - La Sal & Abajo Mountains - Canyonlands / Natural Bridges**

**01**      **0000MST**                **0**      **0**                **Drought**  
**30**      **2359MST**

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## UTAH, East

Several spring storms affected eastern Utah during the month and produced mountain snow and lower elevation rain and snow. These conditions continued the improving trend of the drought situation across the area, with mountain snowpack remaining above normal across much of the area. Areal coverage of severe drought conditions had retreated to a small portion of extreme east-central Utah while the rest of the area was generally categorized as abnormally dry. Although drought conditions have been improving, there remains concern for water supply both above and below ground. Please see the May 2005 Storm Data Publication for a continuation on this drought situation.

UTZ022-027-029

### **Southeast Utah - Grand Flat And Arches - Canyonlands / Natural Bridges**

<b>01</b>	<b>0030MST</b>	<b>0</b>	<b>0</b>	<b>Frost/Freeze</b>
	<b>0800MST</b>			

After the start of the growing season, an unseasonably cold airmass resulted in a hard freeze across the lower valleys of east-central and southeast Utah. Minimum temperatures ranged from 15 to 31 degrees.

UTZ023

### **Eastern Uinta Mountains**

<b>04</b>	<b>1200MST</b>	<b>0</b>	<b>0</b>	<b>Winter Weather/Mix</b>
<b>05</b>	<b>1400MST</b>			

A strong Pacific cold front moved through the area and produced 3 to 8 inches of snow across the mountains of extreme northeast Utah. Additionally, frequent wind gusts from 40 to 50 mph buffeted the area, causing blowing and drifting snow.

UTZ027-029

### **Grand Flat And Arches - Canyonlands / Natural Bridges**

<b>06</b>	<b>0100MST</b>	<b>0</b>	<b>0</b>	<b>Frost/Freeze</b>
	<b>0900MST</b>			

Minimum temperatures from 25 to 32 degrees occurred across much of the lower valleys of east-central and southeast Utah.

UTZ023

### **Eastern Uinta Mountains**

<b>07</b>	<b>1800MST</b>	<b>0</b>	<b>0</b>	<b>Winter Weather/Mix</b>
<b>08</b>	<b>1800MST</b>			

A quick moving spring storm produced around 5 inches of snow across the mountains of extreme northeast Utah.

UTZ023-025-028

### **Eastern Uinta Mountains - Tavaputs Plateau - La Sal & Abajo Mountains**

<b>09</b>	<b>0800MST</b>	<b>0</b>	<b>0</b>	<b>Winter Weather/Mix</b>
<b>10</b>	<b>1300MST</b>			

A vigorous spring storm system produced 3 to 15 inches of snow across the mountains and high plateaus of eastern Utah. Strong winds of 40 to 50 mph buffeted much of the ridge tops and exposed high elevations, causing blowing and drifting snow.

UTZ023-028

### **Eastern Uinta Mountains - La Sal & Abajo Mountains**

<b>24</b>	<b>0000MST</b>	<b>0</b>	<b>0</b>	<b>Winter Weather/Mix</b>
<b>25</b>	<b>1400MST</b>			

A spring storm produced 8 to 14 inches of snow across the mountains of southeast Utah and extreme northeast Utah.

UTZ023

### **Eastern Uinta Mountains**

<b>30</b>	<b>0900MST</b>	<b>0</b>	<b>0</b>	<b>Winter Weather/Mix</b>
	<b>1500MST</b>			

A spring storm produced 4 to 7 inches of snow across the mountains of extreme northeast Utah.

## UTAH, West and Central

UTZ003>004-007>008-010-016>017

### **Salt Lake And Toole Valleys - Southern Wasatch Front/Lehi/Provo/Nephi - Wasatch Mountains I80 North - Wasatch Mountains South Of I80 - Wasatch Plateau/Book Cliffs - Southwest Utah/Cedar City/Milford - Central And Southwest Mountains**

<b>08</b>	<b>1200MST</b>	<b>0</b>	<b>0</b>	<b>Heavy Snow</b>
<b>09</b>	<b>2200MST</b>			

A strong spring storm moved through the Great Basin. Southern Utah was the hardest hit...with even valley locations receiving significant snow. Some snowfall (liquid equivalent) storm totals are: Brian Head - 20" (1.39"), Cedar Breaks - 20" (1.60"), Pine Valley Mts - 16" (1.30"), Kolob Mtn - 14" (1.10"), Upper Millcreek - 2" (1.09"), Enterprise - 10" (1.18"), Oquirrh Mtns - 9" (0.80"), Alta - 9" (0.82"), Cedar City - 8" (0.79"), Milford - 7" (0.62), Bryce Canyon - 4" (0.30"), Snowbasin - 2" (0.15"), and Tooele Bench - 2" (0.80").

UTZ001

### **Cache Valley/Utah Portion**

<b>08</b>	<b>1800MST</b>	<b>0</b>	<b>0</b>	<b>20K</b>	<b>Strong Wind</b>
	<b>2359MST</b>				

Winds blew roof off shed

Strong winds behind a cold front ripped the roof off of a storage shed in Logan and blew down a utility pole. Damage to the shed is estimated to be \$20,000.



# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## UTAH, West and Central

**UTZ002>003-007>008-017 Northern Wasatch Front/Brigham City/Ogden Bountiful - Salt Lake And Toole Valleys - Wasatch Mountains I80 North - Wasatch Mountains South Of I80 - Central And Southwest Mountains**

**18 1800MST 0 0 Winter Storm**  
**19 2200MST**

A strong, moist but mild Pacific storm parked over Utah for a few days, bringing copious amounts of rain and mountain snow to the state. Snowfall totals (inches) were: Alta - 22, Timpanogos Divide - 20, Snowbird - 20, Farmington Canyon - 19, Sundance - 17, Ben Lomund Peak - 17, Snowbasin - 15, Oquirrh Mtns - 14, Tony Grove Lake - 13, Brighton and Monte Cristo - 12, Cedar Breaks and Brian Head - 9, Draper/Suncrest - 8, Spruces - 8, Trial Lake and Strawberry Reservoir - 7, Laketown - 3, and Cedar City - 2.

Rainfall was equally as impressive in the valleys, with numerous car accidents as a result of poor visibility and slippery roadways. Rainfall totals (inches) were: Layton Bench - 1.73, North Salt Lake Bench - 1.70, Alpine - 1.65, Farmington - 1.54, Val Verda - 1.49, Northeast Ogden, 1.48, South Ogden - 1.27, Centerville - 1.13, Hill AFB - 1.05, Salt Lake Avenues - 0.89 and North Holladay - 0.85.

### Beaver County

**Milford 23 1800MST 0 0 Heavy Rain**  
**25 2000MST**

### Duchesne County

**Duchesne 23 1800MST 0 0 Heavy Rain**  
**25 2000MST**

### Emery County

**(U28)Green River Mun 23 1800MST 0 0 Heavy Rain**  
**25 2000MST**

### Garfield County

**(U07) Bullfrog/Glen 23 1800MST 0 0 Heavy Rain**  
**25 2000MST**

### Juab County

**Nephi 23 1800MST 0 0 Heavy Rain**  
**25 2000MST**

### Kane County

**Kanab 23 1800MST 0 0 Heavy Rain**  
**25 2000MST**

**UTZ008-017**

**Wasatch Mountains South Of I80 - Central And Southwest Mountains**

**23 1800MST 0 0 Heavy Snow**  
**25 2000MST**

### Washington County

**St George 23 1800MST 0 0 Heavy Rain**  
**25 2000MST**

A warm moist flow from the subtroics brought widespread non-severe thunderstorms to the state. Small hail was reported in numerous locations in the Salt Lake and Tooele Valleys in addition to heavy rain fall. Rainfall amounts (in inches) were: Zion NP - 2.00, Laketown - 1.54, Randolph - 1.36, St. George - 1.24, Kanab - 1.27, Monticello - 1.03, Blanding - 1.02, Duchesne - 0.85, Cedar City - 0.63, Nephi - 0.51, Green River - 0.49, and Bullfrog - 0.37.

### Box Elder County

**Brigham City 27 1200MST 0 0 Heavy Rain**  
**29 2000MST**

### Cache County

**Nibley 27 1200MST 0 0 Heavy Rain**  
**29 2000MST**

### Davis County

**Hill Afb 27 1200MST 0 0 Heavy Rain**  
**29 2000MST**

### Weber County

**Countywide 27 1200MST 0 0 Heavy Rain**  
**29 2000MST**

**UTZ001-007**

**Cache Valley/Utah Portion - Wasatch Mountains I80 North**

**28 1100MST 0 0 Flood**  
**29 1100MST**

Flood waters damaged 3 homes in Richmond, damage amount unknown.

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## UTAH, West and Central

### Cache County

Avon	28	1500MST 1800MST			0	0			Flash Flood
------	----	--------------------	--	--	---	---	--	--	-------------

Brief flash flood damaged 2 homes, amount unknown

### UTZ004

#### Southern Wasatch Front/Lehi/Provo/Nephi

28	2030MST			0	0				Landslide
29	0100MST								

Rainfall induced landslide near Cedar Hills in American Fork Canyon

Heavy rains and snowmelt brought flooding to northern Utah. A slow-moving landslide in the early hours of April 29th stopped just short of some townhouses in the Cedar Hills section of Utah County...no damage to the homes occurred. A brief flash flood sent water into two homes near Cedar Fort. Flooding was also reported in Cache County along the Blacksmith Fork River and Little Bear tributaries of the Logan River. ...as well as in Brigham City along the Box Elder Creek. A brief flash flood sent water into 2 homes in Avon.

Snowfall was confined to the higher elevations. Totals (in inches) were: Tony Grove Lake - 19, Monte Cristo - 14, Ben Lomand Peak - 8, Alta - 8, Brighton - 7, Brian Head - 7, Laketown - 3 and Randolph - 2.

Copious amounts of rain fell in the valleys of northern Utah. Totals (in inches) were: Mendon - 2.85, Smithfield - 2.52, Cedar Fort - 2.40, Liberty - 2.35, Logan Bench - 2.32, Logan Airport - 2.18, Brigham City - 1.31, Pleasant Grove and Provo BYU - 1.25, Salt Lake City Avenues - 1.18, Springville - 1.08, Salt Lake City Airport - 1.05, and Olympus Cove - 1.00. Rainfall reports of 0.5 to 1 inch were widespread across Utah, Salt Lake and Davis counties.

## VERMONT, North and Central

### VTZ002

#### Western Franklin

01	0000EST 0400EST			0	0	1K			Flood
----	--------------------	--	--	---	---	----	--	--	-------

An ice jam on the Lamoille River continued into April with minor river flooding on Rte 104A around East Georgia and the Arrowhead Dam areas. It generally impacted low lying areas and fields. The Lamoille River gauge at East Georgia crested at 14.40 feet.

### VTZ002

#### Western Franklin

01	0000EST 0400EST			0	0	1K			Flood
----	--------------------	--	--	---	---	----	--	--	-------

An ice jam continued into April on the Missisquoi River. It continued the minor river flooding of low lying areas and fields as well as Rte 78 in the Highgate area during the early morning of April 1st. Thereafter, high water continued on the Missisquoi River into April 3rd.

### VTZ011-019

#### Western Rutland - Eastern Rutland

03	0500EST			0	0	10K			Flood
04	1400EST								

A storm system moved from Pennsylvania on April 2nd into New York State on April 3rd. Warmer air, rainfall and melting snow resulted in rising river levels. Flooding along the Otter Creek impacted several roads, low lying areas and fields in the Rutland and Pittsford areas. Most of the flooding was in western Rutland county. The river gauge in Rutland reached a level of 2.5 to 3 feet above flood stage. The river level continued above flood stage into the night although it was receding

### VTZ007

#### Caledonia

03	1300EST 2000EST			0	0	5K			Flood
----	--------------------	--	--	---	---	----	--	--	-------

A storm system moved from Pennsylvania on April 2nd into New York State on April 3rd. Warmer air, rainfall and melting snow resulted in rising river levels. Minor flooding resulted in fields and low lying areas between Lyndonville and St Johnsbury. The Passumpsic River crested at 15 feet.

### VTZ006

#### Lamoille

03	1900EST			0	0	5K			Flood
04	0200EST								

A storm system moved from Pennsylvania on April 2nd into New York State on April 3rd. Warmer air, rainfall and melting snow resulted in rising river levels. Water levels on the Lamoille River rose with minor flooding of fields and low lying areas between Johnson and Cambridge. Minor flooding of Rte 15 in the Cambridge area was reported. The water reached the roadway in a few locations. The Lamoille River gauge at Johnson crested at 13 feet. High water on the Lamoille River continued downstream through the day of April 4th.

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## VERMONT, South

VTZ015

Eastern Windham

03 0350EST  
0850EST

0

0

Flood

Whetstone Brook out of its banks in West Brattleboro.  
Preliminary evacuation of trailer on State Route 9.

A slow moving storm tracked through the Appalachians and into the Northeast on Saturday, April 2nd, and lasted through the 4th of April. This storm produced an extended period of heavy rain. Rain developed during the pre-dawn hours Saturday and picked up during the morning. The heaviest rain occurred Saturday afternoon and evening. Lighter rain, some mixing with snow, persisted on Sunday and Monday. This rainfall, combined with the effects of earlier rains that fell over the region toward the end of March, produced widespread flooding and damage. The heaviest rain and worst flooding occurred in Ulster and Greene Counties; West Shokan reported 6.15 inches of rain, with 5.54 inches reported at East Jewett and 5.50 reported at Tannersville. The early April flooding produced damage to roadways, culverts and bridges (at the height of the flooding, 40 roads were closed in Greene County alone), as well as widespread structural damage to houses and mobile homes (over 400 homes were seriously damaged or completely destroyed in Ulster County.) A total of 14 counties in New York State were declared Federal Disaster Areas, and received relief funding, as a result of damage sustained from the flooding.

## VIRGIN ISLANDS

VIZ002

St. Croix

13 0920AST  
1400AST

0

0

Wildfire

Two brush fires developed on the west end of St. Croix, in a field next to Williams's Delight. More than 40 acres burned.

VIZ002

St. Croix

21 1800AST  
22 0030AST

0

0

Wildfire

A massive brush fire was reported on the East End. The fire erupted near Tide Village and quickly spread to hillsides surrounding Lowry Hill and Estate Boetzberg. The fire consumed more than 200 acres of hillside and pastureland.

St. Thomas/St. John &  
Islands County

St. Thomas

22 1700AST  
1730AST

0

0

Funnel Cloud

Funnel cloud reported over the south side of St Thomas. There were no reports of funnel cloud reaching water or land as it crossed over the Havensight area. The same dissipated while traveling north over land.

St. Croix County

St. Croix

22 1800AST  
2359AST

0

0

Heavy Rain

Heavy rains affected St Croix during the evening. Doppler radar estimated around two inches had fallen over parts of St Croix. Wind gusts of around 40 mph were recorded as a thunderstorm affected the island.

St. Croix County

St. Croix

29 1405AST  
1450AST

0

0

Funnel Cloud

A funnel cloud was reported off the southeast coast of St Croix.

## VIRGINIA, East

Middlesex County

Water View

02 1200EST

0

0

5K

Thunderstorm Wind (G50)

Siding on house damaged. Garage door blown out while porch screens blown in. Several trees in yard 6 to 8 inches in diameter broken off above ground. Some power outages.

Fluvanna County

Kents Store

18 1312EST

0

0

5K

Dust Devil

Dust devil damaged barn and fence.

Powhatan County

Powhatan

21 1505EST

0

0

2K

Thunderstorm Wind (G50)

Trees down west of the courthouse.

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b><u>VIRGINIA, East</u></b>									
<b>Powhatan County</b>									
5 SE Powhatan	21	1535EST			0	0	2K		Thunderstorm Wind (G50)
		Trees down.							
<b>Richmond (C)</b>									
Richmond	21	1550EST			0	0	2K		Thunderstorm Wind (G50)
		Trees down.							
<b>Prince Edward County</b>									
Hampden Sydney	23	1255EST			0	0			Hail(0.75)
<b>Prince Edward County</b>									
Farmville	23	1305EST			0	0			Hail(0.88)
<b>Cumberland County</b>									
3 S Cumberland	23	1310EST			0	0			Hail(0.75)
<b>Cumberland County</b>									
5 E Cumberland	23	1335EST			0	0			Hail(0.75)
<b>Amelia County</b>									
3 SW Morven	23	1340EST			0	0			Hail(0.75)
<b>Powhatan County</b>									
Trenholm	23	1340EST			0	0	2K		Thunderstorm Wind (G50)
		Trees down near Ballsville Road.							
<b>Greensville County</b>									
3 NE Skippers	23	1505EST			0	0	2K		Thunderstorm Wind (G50)
		Trees down along intersection of Route 730 and 629.							
<b>Chesapeake (C)</b>									
3 S Great Bridge	23	1515EST			0	0			Hail(1.00)
<b>Southampton County</b>									
2 SW Adams Grove	23	1515EST			0	0	2K		Thunderstorm Wind (G50)
		Downed trees blocking Route 662.							
<b>Chesapeake (C)</b>									
Chesapeake	23	1535EST			0	0			Hail(0.88)
<b>Surry County</b>									
1 E Dendron	23	1545EST			0	0	2K		Thunderstorm Wind (G50)
		Trees down.							
<b>Virginia Beach (C)</b>									
Virginia Beach	23	1550EST			0	0			Hail(1.00)
<b>Norfolk (C)</b>									
Norfolk	23	1552EST			0	0			Hail(1.00)
<b>Northampton County</b>									
Eastville	23	1635EST			0	0			Hail(0.75)
<b>Accomack County</b>									
1 S Painter	23	1655EST			0	0			Hail(0.75)
<b>Hampton (C)</b>									
Hampton	23	1702EST			0	0			Hail(0.88)
<b>Chesapeake (C)</b>									
4 NW Cornland	23	1735EST			0	0	2K		Thunderstorm Wind (G50)
		Trees down.							

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
<b><u>VIRGINIA, Extreme Southwest</u></b>									
<b>Washington County</b>									
7 SW Abingdon	22	1310EST 1320EST			0	0	3K		Thunderstorm Wind (G65)
Several trees down on and along Lake Road.									
<b>Russell County</b>									
Castlewood	22	1330EST 1340EST			0	0	5K		Thunderstorm Wind (G65)
Several trees down in Castlewood area. Two trees down in Deputy Sheriffs yard.									
<b><u>VIRGINIA, North</u></b>									
<b>Fauquier County</b>									
Bristersburg	02	1150EST 1250EST			0	0			Flash Flood
Elk Run flooded along Tin Pot Run									
<b>VAZ039-042-050&gt;051-053</b>									
Madison - Loudoun - Orange - Culpeper - Fairfax	02	1155EST 1730EST			0	0			Flood
State road 607 closed due to flooding									
<b>Fauquier County</b>									
Warrenton	02	1445EST 1500EST			0	0			Thunderstorm Wind (G58)
Trees and powerlines down									
<b>Fairfax County</b>									
4 W Centreville	02	1500EST 1630EST			0	0			Flash Flood
Numerous roads flooded in western Fairfax county near Centreville									
<b>Loudoun County</b>									
3 S Leesburg	02	1500EST 1630EST			0	0			Flash Flood
Routes 653 and 643 closed due to high water									
<b>Prince William County</b>									
2 W Haymarket	02	1500EST 1630EST			0	0			Flash Flood
Water on Old Church Road near the bridge									
<b>Stafford County</b>									
Stafford	02	1500EST 1630EST			0	0			Flash Flood
Two city roads closed in the town of Stafford due to high water									
<b>Fairfax County</b>									
Mc Lean	02	1555EST 1605EST			0	0			Thunderstorm Wind (G58)
24 inch diameter tree downed on Brook Road.									
<b>Orange County</b>									
Orange	02	1635EST 1638EST			0	0	5K	0	Hail(0.01)
dffffg									
<b>Fairfax County</b>									
Herndon	02	1840EST 1842EST			0	0	0.60K		Hail(0.01)
<b>Fairfax County</b>									
Great Falls	02	1845EST 1850EST			0	0			Thunderstorm Wind (G58)
Tree down on Georgetown Pike									

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b><u>VIRGINIA, North</u></b>									
<b>Fairfax County</b>									
Mt Vernon	02	1855EST 1858EST			0	0			Thunderstorm Wind (G58)
		Tree down							
<b>Warren County</b>									
Front Royal	02	1945EST 2055EST			0	0			Flash Flood
		Some roads have deep water flowing over them across the county							
<b>Rappahannock County</b>									
Flint Hill	02	2100EST 2200EST			0	0			Flash Flood
		Route 522 north near Flint Hill flooded with cars stranded							
<b>Fauquier County</b>									
Warrenton	02 03	2330EST 0100EST			0	0			Flash Flood
		Roads closed across the county							
<b>VAZ021-025&gt;027</b>									
		Highland - Augusta - Rockingham - Shenandoah							
	03	1200EST 1610EST			0	0	27.5K		Strong Wind
		Trees down county wide with one building significantly damaged							
<b>Culpeper County</b>									
Boston	03	1300EST 1305EST			0	0			Thunderstorm Wind (G76)
		Measured at roof level							
		A low pressure system moved from the southeast United States and into the mid-Atlantic region on April 2, 2005. This system caused significant flooding and damaging wind gusts across a large portion of Maryland, Virginia, and West Virginia.							
<b>Spotsylvania County</b>									
Chancellorsville	23	1525EST 1535EST			0	0	1K		Hail(0.01)
		Reported by the National Park Service							
<b>Stafford County</b>									
Hartwood	23	1545EST 1555EST			0	0	1K		Hail(0.01)
<b>Stafford County</b>									
Widewater	23	1610EST 1620EST			0	0	2.5K		Hail(0.02)
		Report from Tuner Field Observer							
<b>Falls Church (C)</b>									
Falls Church	23	1650EST 1658EST			0	0	1K		Hail(0.01)
		A very strong cold front moved across the mid-Atlantic region on April 23, 2005. This front interacted with a moist and unstable airmass to generate significant strong to severe thunderstorms and high winds. Wind damage was reported across portions of central and northern Virginia, and southern and central Maryland, as well as across the Tidal Potomac and upper Chesapeake Bay marine waters. Damaging large hail was also reported in many locations with this storm system.							
<b><u>VIRGINIA, Northwest</u></b>									
<b><u>VIRGINIA, Southwest</u></b>									
<b>VAZ009&gt;020-022&gt;024-035</b>									
		Smyth - Bland - Giles - Wythe - Pulaski - Montgomery - Grayson - Carroll - Floyd - Craig - Alleghany - Bath - Roanoke - Botetourt - Rockbridge - Amherst							
	03	0400EST 1800EST			0	0			High Wind (G56)

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## VIRGINIA, Southwest

Deep closed upper level low and associated surface low passed directly over southwest Virginia on April 2nd. The surface low deepened significantly as it exited and headed northeast. Unusually strong low level winds developed in the deep, cyclonic flow in the storm's wake. The strongest wind gusts topped out in the 50 to 56 kt range for at least a one hour time frame. The winds caused widespread (mostly tree and powerline) damage over the favored high (cross-mountain flow) wind locations. Wet soil conditions likely aggravated the tree damage. There were also a few reports of structural damage (mainly roof and siding damage).

VAZ022-034-043>045

**Roanoke - Bedford - Henry - Pittsylvania - Campbell**

<b>16</b>	<b>0300EST</b>	<b>0</b>	<b>0</b>	<b>Frost/Freeze</b>
	<b>0800EST</b>			

Cold arctic high pressure over the region allowed for clear skies and light winds, the perfect combination for cold temperatures. Sub-freezing were reported across parts of the Roanoke Valley and Southside Virginia. Specific morning low temperature for Campbell Co. and the City of Lynchburg include 26 at Brookneal, 28 in the City of Lynchburg and 31 at the Lynchburg Airport; for Bedford Co. include 31 at Holcomb Rock; for Pittsylvania Co. include 28 at Chetham; for Roanoke Co and City include 31 at the airport and 32 in the city; for Henry Co include 30 at the Martinsville Airport; for Patrick Co. include 29 in the eastern part of the County.

**Martinsville (C)**

<b>Martinsville</b>	<b>22</b>	<b>1740EST</b>	<b>0</b>	<b>0</b>	<b>Hail(0.75)</b>
---------------------	-----------	----------------	----------	----------	-------------------

**Franklin County**

<b>Sydnersville</b>	<b>22</b>	<b>1750EST</b>	<b>0</b>	<b>0</b>	<b>Hail(0.75)</b>
---------------------	-----------	----------------	----------	----------	-------------------

Isolated severe storms occurred over southeast Virginia.

## WASHINGTON, Northeast

**Grant County**

<b>Coulee City</b>	<b>23</b>	<b>1920PST</b>	<b>0</b>	<b>0</b>	<b>Thunderstorm Wind (G60)</b>
		<b>1940PST</b>			

**Chelan County**

<b>Chelan</b>	<b>23</b>	<b>1930PST</b>	<b>0</b>	<b>0</b>	<b>Thunderstorm Wind (G70)</b>
		<b>1945PST</b>			

**Okanogan County**

<b>Twisp</b>	<b>23</b>	<b>1940PST</b>	<b>0</b>	<b>0</b>	<b>Thunderstorm Wind (G58)</b>
		<b>2010PST</b>			

Wind gusts radiating outward from a severe thunderstorm over southern Washington moved through the Columbia Basin and valleys of the eastern slopes of the Cascades on the evening of April 23rd. In the town of Coulee in Grant County, the wind blew down two large trees with an irrigation pump house destroyed. The gust front then moved east into the town of Chelan in Chelan County where numerous trees were blown down including a few very large Spruce trees. There were also some power outages in Chelan. The town of Twisp in Okanogan County was next to be hit where more trees were reported blown down including a large tree falling on an automobile. There were some power outages and a few brush fires started as well in Twisp.

## WASHINGTON, Northwest

## WASHINGTON, Southeast

WAZ027

**Yakima Valley**

<b>12</b>	<b>2300PST</b>	<b>0</b>	<b>0</b>	<b>50M</b>	<b>Frost/Freeze</b>
<b>13</b>	<b>0700PST</b>				

Freezing temperatures led to crop damage in the Yakima Valley. The low temperature at the Yakima Airport dropped to 20 degrees on April 13th, tying the record low temperature for the month of April. An estimated \$50 million dollars of crop damage was done to the cherry crop from this freeze alone. A 25 percent yield reduction in the cherry crop was expected for the season.

WAZ027

**Yakima Valley**

<b>13</b>	<b>2300PST</b>	<b>0</b>	<b>0</b>	<b>50M</b>	<b>Frost/Freeze</b>
<b>14</b>	<b>0700PST</b>				

Freezing temperatures led to crop damage in the Yakima Valley. The low temperature at the Yakima Airport dropped to 23 degrees on April 14th. An estimated \$50 million dollars of crop damage was done to the cherry crop from this freeze alone. A 25 percent yield reduction in the cherry crop was expected for the season.

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## WASHINGTON, Southeast

### Benton County

**Kennewick**      23      1345PST      0      0      **Thunderstorm Wind (G50)**  
High wind gusts from a thunderstorm estimated at 58 MPH knocked down power lines in Kennewick.

### Franklin County

**Pasco**      23      1345PST      0      0      **Thunderstorm Wind (G50)**  
High wind gusts from a thunderstorm estimated at 58 MPH knocked down power lines in Pasco.

### Walla Walla County

**1 S Waitsburg**      23      1356PST  
1500PST      0      0      **Flash Flood**  
Localized very heavy rain estimated at 0.8 inches in 5-10 minutes led to flash flooding in the Coppei Creek and Wilson Hollow areas near Waitsburg. Significant mud and debris was deposited in a yard, driveway, corrals, and pasture surrounding a residence. No water or mud damage was done to the home. Damage was limited to mainly fields and fences.

### Benton County

**5 WSW Richland**      23      1405PST      0      0      **Funnel Cloud**  
A short lived funnel cloud was spotted near the Hanford Reservation.

### Yakima County

**Sunnyside**      23      1426PST  
1542PST      0      0      **Flash Flood**  
Heavy rain from a thunderstorm led to flooding of 10 classrooms at Sunnyside High School. The flood occurred partly because the schools storm water system couldn't keep up with the heavy rain that was falling. Another factor was the some of the water pipes had not been removed during an earlier remodeling.

### Yakima County

**7 S Toppenish**      23      1447PST  
1452PST      0.1      10      0      0      **Tornado (F0)**  
A weak tornado was spotted with no damage reported.

### Yakima County

**2 SSW Toppenish**      23      1512PST  
1515PST      0.1      10      0      0      **Tornado (F0)**  
A weak tornado was spotted with no damage reported.

### Yakima County

**Yakima**      23      1600PST  
1647PST      0      0      **Flash Flood**  
Very heavy rain associated with a thunderstorm moved over Yakima producing flash flooding. Flooding was observed in downtown Yakima, with water over knee deep running through roads and flooding a few businesses.

### Yakima County

**Selah**      23      1600PST  
1610PST      0      0      **Thunderstorm Wind (G50)**  
Strong wind gusts associated with thunderstorms knocked down power lines in Selah and damaged pole equipment.

### Kittitas County

**5 W Ellensburg**      23      1625PST      0      0      **Funnel Cloud**  
Multiple short lived funnel clouds were spotted five miles west of Ellensburg.

## WASHINGTON, Southwest

### Clark County

**Ridgefield**      22      1900PST  
1930PST      0      0      **Thunderstorm Wind (G60)**

### Cowlitz County

**Kelso**      22      2000PST  
2030PST      0      0      **Thunderstorm Wind (G60)**



# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Persons Injured	Estimated Damage Property	Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------	--------------------	---------------------------------	-------	--------------------

## WEST VIRGINIA, East

**WVZ048-048-048-048>049-049-049>051-055** Grant - Mineral - Hampshire - Morgan - Hardy

<b>02</b>	<b>2230EST</b>	<b>0</b>	<b>30</b>	<b>378.5K</b>	<b>Strong Wind</b>
<b>03</b>	<b>1545EST</b>				

3 mobile homes overturned with possible injuries

A low pressure system moved from the southeast United States and into the mid-Atlantic region on April 2, 2005. This system caused significant flooding and damaging wind gusts across a large portion of Maryland, Virginia, and West Virginia.

## WEST VIRGINIA, North

**WVZ023-041** Preston - Tucker

<b>03</b>	<b>0800EST</b>	<b>0</b>	<b>0</b>	<b>Heavy Snow</b>
	<b>1200EST</b>			

Surface low pressure passed over Huntington, WV. Then it intensified and moved into northeastern Pennsylvania. Heavy snow started on the northwest side of the storm by 1130 PM on 2nd. Six inches of snow fell by 8 AM on 3rd. Terra Alta ended up with 10 inches, Davis 8, and Canaan Valley 7 inches.

**Tucker County**

<b>Davis</b>	<b>22</b>	<b>1440EST</b>	<b>0</b>	<b>0</b>	<b>Hail(0.75)</b>
--------------	-----------	----------------	----------	----------	-------------------

**WVZ023**

<b>Preston</b>					
<b>24</b>	<b>2000EST</b>	<b>0</b>	<b>0</b>	<b>Heavy Snow</b>	
<b>25</b>	<b>0300EST</b>				

Low pressure moved from Ohio, passed north of Pittsburgh, and intensified. Cold air behind the storm changed rain to snow. Snow began before dawn on the 24th, and continued until early on the 25th. Terra Alta accumulated 5 inches of snow by 7 AM on 24th, and a total of 17 inches by 4 AM on 25th.

## WEST VIRGINIA, Southeast

**Greenbrier County**

<b>Rainelle</b>	<b>22</b>	<b>1310EST</b>	<b>0</b>	<b>0</b>	<b>Hail(0.75)</b>
-----------------	-----------	----------------	----------	----------	-------------------

**Greenbrier County**

<b>3 W Renick</b>	<b>22</b>	<b>1342EST</b>	<b>0</b>	<b>0</b>	<b>Hail(0.75)</b>
-------------------	-----------	----------------	----------	----------	-------------------

Isolated severe storms occurred over southeast West Virginia.

## WEST VIRGINIA, West

**WVZ038-046>047** Webster - Pocahontas - Randolph

<b>02</b>	<b>1900EST</b>	<b>0</b>	<b>0</b>	<b>Heavy Snow</b>
<b>03</b>	<b>0700EST</b>			

Rain changed to snow in the wake of a strengthening low pressure system. Overnight accumulations of 3 to 6 inches were common, with as much as 9 inches above 3000 feet in elevation. Dailey reported 5 inches, Pickens and Webster Springs had 6 inches. Kumbrow State Forest measured a 9 inch accumulation at first light on the 3rd.

**Gilmer County**

<b>Sand Fork</b>	<b>22</b>	<b>1250EST</b>	<b>0</b>	<b>0</b>	<b>Hail(0.75)</b>
------------------	-----------	----------------	----------	----------	-------------------

**Gilmer County**

<b>1 E Letter Gap</b>	<b>22</b>	<b>1300EST</b>	<b>0</b>	<b>0</b>	<b>Hail(0.75)</b>
-----------------------	-----------	----------------	----------	----------	-------------------

Penny size hail fell at Cedar Creek State Park.

**Logan County**

<b>Chapmanville to Logan</b>	<b>30</b>	<b>0435EST</b>	<b>0</b>	<b>0</b>	<b>40K</b>	<b>Flash Flood</b>
		<b>0700EST</b>				

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## WEST VIRGINIA, West

Route 7 was flooded by 2 feet of water from Garrett Fork. Mt Gay saw water from Mud Fork and Island Creek surround homes and a few businesses.

### **Mingo County West Portion**

**30 0515EST  
0700EST 0 0 20K Flash Flood**

Marrowbone Creek and Laurel Fork were 2 of the streams that flooded. Four families were evacuated around Lenore. No serious damage occurred.

### **Wayne County South Portion**

**30 0515EST  
0700EST 0 0 5K Flash Flood**

Twelvepole Creek flooded roads around Dunlow.

### **Lincoln County Countywide**

**30 0517EST  
0700EST 0 0 5K Flash Flood**

County officials reported several roads flooded by small streams. One example, was the Middle Fork of Mud River. It flooded portions of Route 3. No evacuations occurred.

This episode had rain totals of 1.5 to 2.2 inches during an interval of 6 to 9 hours.

## WISCONSIN, Northeast

### **WIZ018-031-074**

#### **Lincoln - Shawano - Southern Oconto**

**01 0142CST  
1332CST 0 0 Flood**

Warm temperatures caused runoff from melted snow resulting in minor flooding on a few rivers early in the month.

### **Waupaca County 3 SSE Weyauwega**

**19 1727CST 0 0 Thunderstorm Wind (G56)**

### **Waupaca County 5 S New London**

**19 1740CST 0 0 Thunderstorm Wind (G56)**

Thunderstorms developed ahead of a cold front moving across Wisconsin. Winds from these storms knocked down a shed and tore the roof from a barn near Weyauwega, and downed several 2 foot diameter trees and flipped over boats near New London

## WISCONSIN, Northwest

## WISCONSIN, Southeast

### **Green County**

#### **1 NW Dayton**

**19 2240CST 0 0 Hail(0.75)**

Thunderstorms popped up along a cold front moving southeast through southern Wisconsin. One storm briefly pulsed to severe limits and dumped 3/4 inch diameter hail in northwestern Green County. Otherwise, there were many reports of 1/4 inch diameter hail and wind gusts of 35 to 43 knots (40 to 50 mph) with the thunderstorms as the cold front moved to Lake Michigan. A low-level jet fed moist, unstable air into the storms, while afternoon maximum temperatures peaked in the lower 70s with dewpoints of 55 to 60.

## WISCONSIN, Southwest

### **Grant County**

#### **Montfort**

**06 1615CST 0 1 Lightning**

A person was injured by lightning in their home, while talking on the telephone.

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## WISCONSIN, West

## WYOMING, Central and West

WYZ018

Lander Foothills

14 0300MST  
0900MST

0

0

9K

High Wind (G68)



*Pine tree toppled by high winds two miles west of Lander, WY. Photo courtesy of Chris Jones.*

Wind gusting to 78 mph blew down trees, tore off roof shingles, toppled a billboard, and dislodged a roof in the Lander Foothills. The high winds were generated by a strong low pressure and intense mountain-top inversion (i.e. mountain wave).

WYZ017

Wind River Basin

17 1200MST  
2000MST

0

1

500K

Wildfire

A human caused fire was started west of Fort Washakie during the afternoon. The fire became out of control and threatened urban areas of Fort Washakie resulting in the evacuation of all 250 residents. The fire was fueled by dry southwest winds that gusted between 20 and 30 mph at times. One firefighter suffered minor injuries fighting the fire. The fire consumed 156.39 acres of land on either side of the Little Wind River and an abandoned historic building in Fort Washakie.

## WYOMING, Extreme Southwest

## WYOMING, North Central

WYZ098

Northeast Bighorn Mountains

09 0700MST  
1000MST

0

0

Heavy Snow

15 inches 22W Sheridan (Sucker Creek Snotel 12-hour total); 14 inches 40W Sheridan (Bald Mountain Snotel 12-hour total); 12 inches 26W Sheridan (Burgess Junction Snotel 12-hour total)

WYZ099

Sheridan Foothills

21 1140MST  
1546MST

0

0

Heavy Snow

A very moist spring storm system brought abundant precipitation to Northern Wyoming. This came both in the form of rain and

# Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

## WYOMING, North Central

snow. The following is a list of the snowfall reports from this storm:

6 inches 15S Sheridan and 6SW Sheridan; 12 inches 15NNE Clearmont (power failures and 18 inch drifts); 8 inches 8NE Clearmont

WYZ098>099

**Northeast Bighorn Mountains - Sheridan Foothills**

27	1346MST	0	0						<b>Heavy Snow</b>
	1900MST								

10 inches 15S Sheridan (24-hour total in Story); 12 inches 13SSW Dayton (Sucker Creek Snotel 24-hour total)

## WYOMING, Northeast

WYZ054>058

**Northern Campbell - South Campbell - Western Crook - Wyoming Black Hills - Weston**

20	2300MST	0	0	0	0				<b>Winter Storm</b>
21	1900MST								

A strong spring storm developed across the Central Rockies and moved across the Central Plains. This storm brought heavy snow to Campbell County, far western parts of Crook and Weston Counties, and the higher elevations of the Wyoming Black Hills. Rain changed to snow during the overnight hours and continued through the day. Snow amounts of 6 to 12 inches fell across Campbell County, with local amounts of 15 inches in western parts of the county. Western parts of Crook and Weston Counties and the Wyoming Black Hills had accumulations of 4 to 8 inches. The heavy wet snow caused numerous power outages and brought down tree limbs across the area. A roof of a convenience store collapsed under the weight of the snow. Many highways across Campbell County, including Interstate 90 west of Moorcroft, were closed for much of the day.

## WYOMING, Southeast

Albany County

Rock River	19	1349MST	0	0					<b>Hail(1.00)</b>
		1353MST							

Albany County

22 NW Laramie	19	1601MST	0	0					<b>Hail(0.88)</b>
		1606MST							

Laramie County

11 SSW Cheyenne	19	1608MST	0	0					<b>Hail(0.75)</b>
		1613MST							

Albany County

Buford	19	2102MST	0	0					<b>Hail(0.88)</b>
		2110MST							

WYZ062>063

**North Carbon - Snowy Range**

27	1400MST	0	0						<b>Heavy Snow</b>
28	1700MST								

A late season winter storm brought heavy snow to parts of south central Wyoming with amounts of 8 to 12 inches reported from Rawlins eastward over the Snowy and Sierra Madre ranges.